

62GB- Series

Miniature Bayonet Lock Connectors
Designed to meet MIL-C-26482



Amphenol

62GB and Pattern 608 New Planforms



Current:

- (a) Maximum current per individual contact (in isolation)* at ambient temperature of 85°C
Contact size 12: 23 A
- (b) Maximum current per contact through all contacts simultaneously at an ambient temperature of 85°C
Contact size 12: 20 A

Current:

- (a) Maximum current per individual contact (in isolation)* at ambient temperature of 85°C
Contact size 8: 45 A
- (b) Maximum current per contact through all contacts simultaneously at an ambient temperature of 85°C
Contact size 8: 40 A

	Sea level 1013 mbar †			8500m (27,900ft) 320 mbar			21,340m (70,000ft) 44 mbar		
Voltage rating	I	II	III	I	II	III	I	II	III
Working voltages ** (nominal)	700	1200	1500	550	650	800	330	380	450
d.c. or a.c. peak Voltage proof d.c. or a.c. peak	2100	3000	3000	1100	1300	1300	660	760	750

* i.e. when only one contact per connector is electrically loaded.

† 1 mbar=10² N/m²=100 Pa

** Establishment of electrical safety factors is the responsibility of the user

CONTENTS	Page
Amphenol 62GB Solder Connectors	1
Schedule of Tests	2-3
Connector Styles Available	4-5
Insert Availability	6-7
Ordering 62GB Series Connectors	8-9
Box Mounting Receptacles - Table of Styles	10-11
Box Mounting Receptacles	12-16
Single Hole Fixing Receptacles - Table of Styles	17-19
Single Hole Fixing Receptacles	20-27
Cable Mounting Receptacles - Table of Styles	28
Cable Mounting Receptacles	29-31
Plugs - Table of Styles	32-33
Plugs	34-39
Accessories - Table of Styles	40-41
Accessories	42-48
Cable Accessories - Table of Styles	49-50
Cable Accessories	51-55
Insert Orientations	56
Key/Keyway Orientations	57
Assembly Instructions	58-61
Wire Stripping	62
Torque Details	62

Amphenol® 62GB solder connectors

This miniature bayonet lock connector series offers designers important features not found in any other range of connectors.

62GB Series connectors – compliant to the United States Military Specification MIL-C-26482E on certificate No. 1713. They are the first and only British connectors to have achieved this. A doubly strong position which Amphenol are well geared to handle. The manufacturing facilities of the Whitstable plant have been cited as exemplary in Europe. Certainly the layout is extensive and extremely efficient.

62GB Series connectors have been well established with Government authorities on an international scale and users can be found in Sweden, Denmark, Norway, Finland, Germany, Spain, Holland, India, Canada and Italy.

Derating

Connectors must be derated under the following operating conditions:

1. At elevated ambient temperatures, the current ratings are reduced so that total maximum hot spot temperature of 125°C is not exceeded.
2. At high altitudes, revised voltage ratings become effective as shown on page 7.
3. When connectors to different specifications are intermated, the combination must not be operated under conditions more severe than the less stringent clause of either specification.

Basic Construction

62GB Series can be supplied in brass or stainless steel.

The normal shell finish used, which has a high resistance to corrosion, is zinc cobalt olive drab. Other finishes may be supplied to special order, such as cadmium plate which is available by adding deviation (714) to the end of part number. For other finishes available, please see part number breakdown

Inserts are of polychloroprene rubber compounded to an Amphenol specification. Operating temperature range is -55°C to 125°C, and the connectors have gold-plated contacts designed for soldered connections. Configurations for size 20 contacts range between 2 contacts in the size 8 12.7mm (0.5in diameter) shell up to a maximum of 61 contacts in the size 2436.1 mm (1.5in diameter) shell. Intermediate sizes, and contact data for heavier current ratings are shown in the insert availability chart on page 6 and 7.

Hermetic connectors with glass sealed dielectric are manufactured with mild steel shells and nickel iron contacts plated tin over copper.

* Other finishes are available on request.

Protection Against Mis-Mating or Cross-Plugging

Positive shell-to-shell keying is provided with keys and keyways in a choice of either the normal (N) or any of the four preferred alternate positions: B, C, E and F. This prevents mismating between shells of different orientations and overcomes the difficulties associated with rotated inserts and a standard key-keyway orientation. In the latter system, damage to the inserts or contacts can result if excessive force is used to engage non-mating pairs.

Rotated inserts are available in positions w, x, y and z. These are to be requested via the part number configuration. See part number breakdown.

Schedule of Tests

Required for Qualification Approval

Tests	Brief Description
Visual Examination	
Dimensions, outline mass(including contacts) Compatibility Gauging procedure	
Polarization	
Engaging and separating force, connector	Engagement max: 0,90 Nm (8.0 lbf.in.) to 4,97 Nm (44 lbf.in.) according to shell size. Separation min: 0,22 Nm (2.0 lbf.in.) to 1,58 Nm (14.0 lbf.in.) according to shell size.
Contact Holding Force	0,21 N (0.047 lbf) min.size 20 0,56 N (0.126 lbf)min. size 16
Sealing (air pressure)	Max leakage 28,53 uNm/s (1 cm3/h), 1 bar (14.5 p.s.i.) differential.
Sealing Hermetic	Hermetic receptacles have a max leak of 0.1 micron cubic foot per hour (1 x 10-6Cm3/s)
Contact Resistance	5 milliohms max.
Housing (Shell) Continuity	200 milliohms max. 5 milliohms max. grounding spring styles. Plating dependant.
Insulation Resistance	5,000 Megaohms at 500 - 50 V d.c.
Voltage Proof	See page 7. Duration 1 minute
Soldering	As BS 9520: 1983, Clause 1.2.6.7, Method 2. Bit temperature of +350°C
Bumping	As BS 9520: 1983, Clause 1.2.6.2. 4,000 -10 bumps / 390m / s2 (40 gn).
Sine Vibration	As BS 9520: 1983, Clause 1.2.6.3. Procedure A. 10 Hz to 5000 Hz, 0.75 mm / 10 gn.
Shock	As BS 9520: 1983, Clause 1.2.6.4. 981 m/s2 (100 g n).
Acceleration (Steady State)	As BS 9520: 1983, Clause 1.2.6.5. 490 m/s2 (50 gn).
Rapid Change of Temperature	As BS 9520: 1983, Clause 1.2.6.8. -55°C to +125°C one hour at each temperature = 1 cycle. 5 cycles to be completed
Climatic Sequence	As BS 9520: 1983, Clause 1.2.6.12. Severity 55/125/56.
Flammability	As BS 9520: 1983, Clause 1.2.6.9. Direct flame applied, duration 1 minute.
Damp Heat (Steady State)	As BS 9520: 1983, Clause 1.2.6.15. Severity 56 days.

Schedules of Tests Required for Qualification Approval

Tests	Brief Description
Immersion (at low air pressure)	3 cycles at 30 mins each cycle, total immersion in water at pressure 44 m bar.
Mechanical Endurance	500 operations minimum
High Temperature Endurance	Long term: 1,000 hrs. at 850 C ambient carrying the specified current. Short term: 250 hrs at 1250 C, no current.
Mould Growth	As BS 9520: 1983, Clause 1.2.6.15. 28 days duration.
Salt Mist (plating dependant)	As BS 9520: 1983, Clause 1.2.6.17. Severity 1. Four spray periods of 2 hours with a humidity storage period of seven days after each
Dust	As BS 9520: 1983, Clause 1.2.6.18. Exposure 30 minutes.
Robustness of Terminations	44,5 N (101bf) size 16 22,2 N (5 lbf) size 20
Contact Retention (in insert)	67,0 N (15 lbf) min. size 20 112,0 N (25 lbf) min. size 16 and above
Insert Retention (in shell)	517 KN1m2 (751bf/in 2 min.
Test Prod Damage	Moment: 0,056 Nm (0.5 lbf in) size 20 0,225 Nm (2 lbf in) size 16
Impact	Five impacts, drop height 1 m (3ft.3 in.).
Grounding Spring Holding Force Plugs with grounding springs only.	1,17 N (0.263 lbf) to 2,74 N (0.616 lbf) according to size.
Fluid Resistance	Immersion in 4 solvents and 9 fluids including aircraft fuels, lubricating oils and hydraulic fluids.
Compass Safe Distance	As BS 9520: 1983, Clause 1.2.5.12. 127 mm (5.0 in) min.

Connector Styles Available



Connector Styles Available

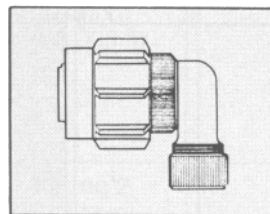
Plugs



Straight Plug
See Pages 34-37



Grounded Plug
See Page 34



Audio Plug
See Page 38



Push on - Pull off
See Page 39

Accessories

See Pages 40-55



Insert Availability

8	10	12	14	16	18	20
8-2* 	10-6 	12-10 	14-12† 	16-23* 	18-32 	20-41
8-3* 	10-7 		14-15 	16-26 		
8-3 3 			14-19 			
8-4* 						
8-98 	10-2 	12-3 	14-5 	16-8 	18-11 	20-16

NOTES

* This insert arrangement is not included in B.S. spec., but is available and listed in MIL-C-26482.

† Due to the arrangement of contacts in the 14-12 insert arrangement it is classified, for current derating, in the shell size range 18-24.

Lettering of inserts shown above corresponds to view of front (mating surface of pin inserts or rear face (cable accessory end) of socket inserts.

KEY ● No 16 size contacts
○ No 20 size contacts

CURRENT RATING

Maximum current per individual contact (in isolation) at a maximum ambient temperature of 85°C: Size 20 contact 7.5A Size 16 contact 13A The performance of 62GB Series connectors at all times exceeds the maximum continuous bunched rating of the appropriate size wire, or cable of equivalent temperature rating. This bunched rating is therefore the determining factor. In the case of mixed loadings, the greatest individual load shall be the bunched loading. In any combination of ambient temperature plus temperature rise due to current flow through the contacts, the maximum connector internal hot spot temperature of 125°C must not be exceeded. That is, when only one contact per connector is loaded.

Insert Availability

[illegible]

VOLTAGE RATINGS

Two categories of voltage rating are specified in BS9522 F0017, F0038 and N0001.

Rating 1 (700V d.c. working at sea-level) Applicable to the high contact density inserts shown in the upper section of the insert availability diagram above.

Rating 2 (1200V d.c. working at sea-level) Applicable to the inserts shown in the lower section of the insert availability diagram.

Altitude derating. Information on voltage derating for operation at altitudes above sea-level can be obtained from the flashover voltage altitude curves on the left.

Ordering 62GB Series Connectors

To obtain the specific connector required write down the connector number from the typical example below. Only inserts shown in the availability chart on p. 10&11 can be specified. All connectors are delivered with protective dust covers



HOW TO ORDER FROM MS CONNECTOR NUMBERS

Connector numbers in the AMPHENOL and MS numbering systems. Only alternative insert orientations are specified in MIL-C-26482 which does not include alternative key/keyway orientations.

MS31	-	14	E	18 -11	P	X
62GB	-	14	E	18 -11	P	X

Ordering 62GB Series Connectors



Box Mounting Receptacles

Table of Styles

Page No.

62GB-50T			12
62GB-10A			12
62GB-10E			13
62GB-10F			13
62GB-10J			14
62GB-10P			14
62GB-12E			15

Box Mounting Receptacles Table of Styles

Page No.

62GB-12E(219)		 	15
62GB-12H Hermetic Seal		 	16

Box Mounting Receptacles



50T



62GB-50T

4-hole flange mounting with threaded shell to accept standard cable accessories.



Shell Size	A max.	B ± 0.005 (± 0.13)	C max sq.	D TP Sq.	E dia. ± 0.010 (± 0.254)	F ± 0.005 (± 0.13)	G dia max.	Y dia. max.	X Thread
08	0.978 24.84	0.062 1.58	0.817 20.75	0.594 15.09	0.120 3.05	0.445 11.3	0.434 11.02	0.473 12.02	7/16 - 28 UNEF
10	0.978 24.84	0.062 1.58	0.942 23.93	0.719 18.26	0.120 3.05	0.445 11.3	0.558 14.17	0.590 14.99	9/16 - 24 NEF
12	0.978 24.84	0.062 1.58	1.036 26.32	0.812 20.63	0.120 3.05	0.445 11.3	0.683 17.35	0.750 19.05	11/16 - 24 NEF
14	0.978 24.84	0.062 1.58	1.130 28.70	0.906 23.10	0.120 3.05	0.445 11.3	0.808 20.52	0.875 22.23	13/16 - 20 UNEF
16	0.978 24.84	0.062 1.58	1.223 31.07	0.969 24.61	0.120 3.05	0.445 11.3	0.933 23.7	1.000 25.4	15/16 - 20 UNEF
18	0.978 24.84	0.062 1.58	1.317 33.45	1.062 26.58	0.120 3.05	0.445 11.3	1.057 26.85	1.125 28.58	1.1/16 - 18 NEF
20	1.048 26.62	0.080 2.03	1.442 36.63	1.156 29.36	0.120 3.05	0.555 14.10	1.182 30.02	1.250 31.75	1.3/16 - 18 NEF
22	1.048 26.62	0.080 2.03	1.567 39.80	1.250 31.75	0.120 3.05	0.555 14.10	1.307 33.20	1.375 34.93	1.5/16 - 18 NEF
24	1.048 26.62	0.080 2.03	1.692 42.98	1.375 34.93	0.147 3.73	0.590 14.99	1.432 36.37	1.500 38.1	1.7/16 - 18 NEF

10A



62GB-10A

4-Hole flange mounting with general duty back shell. No grommet supplied.



Shell Size	A max.	B ± 0.005 (± 0.13)	C Max. sq.	D TP Sq.	E ± 0.010 (± 0.254)	F ± 0.005 (± 0.13)	G dia max.	Y dia. max.	M
08	1.624 41.25	0.062 1.58	0.817 20.75	0.594 15.09	0.120 3.05	0.445 11.3	0.561 14.25	0.473 12.02	1/2 - 28 UNEF
10	1.624 41.25	0.062 1.58	0.942 23.93	0.719 18.26	0.120 3.05	0.445 11.3	0.686 17.43	0.590 14.99	5/8 - 24 NEF
12	1.624 41.25	0.062 1.58	1.036 26.32	0.812 20.63	0.120 3.05	0.445 11.3	0.811 20.60	0.750 19.05	3/4 - 20 UNEF
14	1.624 41.25	0.062 1.58	1.130 28.70	0.906 23.10	0.120 3.05	0.445 11.3	0.936 23.78	0.875 22.23	7/8 - 20 UNEF
16	1.624 41.25	0.062 1.58	1.223 31.07	0.969 24.61	0.120 3.05	0.445 11.3	1.061 26.98	1.000 25.4	1 - 20 UNEF
18	1.624 41.25	0.062 1.58	1.317 33.45	1.062 26.58	0.120 3.05	0.445 11.3	1.186 30.12	1.125 28.58	1.3/16 - 18 NEF
20	1.687 42.85	0.080 2.03	1.442 36.63	1.156 29.36	0.120 3.05	0.555 14.10	1.311 33.30	1.250 31.75	1.3/16 - 18 NEF
22	1.687 42.85	0.080 2.03	1.567 39.80	1.250 31.75	0.120 3.05	0.555 14.10	1.436 36.47	1.375 34.93	1.7/16 - 18 NEF
24	1.730 43.94	0.080 2.03	1.692 42.98	1.375 34.93	0.147 3.73	0.590 14.99	1.561 39.65	1.500 38.1	1.7/16 - 18 NEF

Box Mounting Receptacles



10E



62GB-10E

MIL-C-26482 MS3110E

4-hole flange mounting with grommet and grommet nut



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq.	D TP Sq.	E ± 0.010 (± 0.254)	F ± 0.005 (± 0.13)	G dia max	V dia. max
08	1.281	0.062	0.817	0.594	0.120	0.445	0.561	0.473
	32.54	1.58	20.75	15.09	3.05	11.3	14.25	12.02
10	1.281	0.062	0.942	0.719	0.120	0.445	0.686	0.590
	32.54	1.58	23.93	18.26	3.05	11.3	17.43	14.99
12	1.281	0.062	1.036	0.812	0.120	0.445	0.811	0.750
	32.54	1.58	26.32	20.63	3.05	11.3	20.60	19.05
14	1.281	0.062	1.130	0.906	0.120	0.445	0.936	0.875
	32.54	1.58	28.70	23.10	3.05	11.3	23.78	22.23
16	1.281	0.062	1.223	0.969	0.120	0.445	1.061	1.000
	32.54	1.58	31.07	24.61	3.05	11.3	26.98	25.4
18	1.281	0.062	1.317	1.062	0.120	0.445	1.186	1.125
	32.54	1.58	33.45	26.58	3.05	11.3	30.12	28.58
20	1.383	0.080	1.442	1.156	0.120	0.555	1.311	1.250
	35.13	2.03	36.63	29.36	3.05	14.10	33.30	31.75
22	1.383	0.080	1.567	1.250	0.120	0.555	1.436	1.375
	35.13	2.03	39.80	31.75	3.05	14.10	36.47	34.93
24	1.383	0.080	1.692	1.375	0.147	0.590	1.561	1.500
	35.13	2.03	42.98	34.93	3.74	14.99	39.65	38.1

10F



62GB-10F

MIL-C-26482 MS31 10F

4-hole flange mounting with grommet and grommet nut fitted with integral strain relief clamp



Shell Size	A max.	B ± 0.005 (± 0.13)	C max. sq.	D TP Sq.	E ± 0.010 (± 0.254)	F ± 0.005 (± 0.13)	G dia max.	H ± 0.005 (± 0.13)	Y dia. max.
08	1.762	0.062	0.817	0.594	0.120	0.445	0.828	0.156	0.473
	44.76	1.58	20.75	15.09	3.05	11.3	21.03	3.96	12.01
10	1.762	0.062	0.942	0.719	0.120	0.445	0.891	0.188	0.590
	44.76	1.58	23.92	18.26	3.05	11.3	22.63	4.78	14.99
12	1.762	0.062	1.036	0.812	0.120	0.445	1.016	0.312	0.750
	44.76	1.58	26.31	20.63	3.05	11.3	25.81	7.93	19.05
14	1.736	0.062	1.130	0.906	0.120	0.445	1.141	0.375	0.875
	44.10	1.58	28.70	23.10	3.05	11.3	28.98	9.58	22.23
16	1.876	0.062	1.223	0.969	0.120	0.445	1.203	0.500	1.000
	47.65	1.57	31.07	24.61	3.05	11.3	30.56	12.7	25.4
18	1.876	0.062	1.317	1.062	0.120	0.445	1.426	0.625	1.125
	47.65	1.58	33.45	26.58	3.05	11.3	36.22	15.87	28.58
20	2.118	0.080	1.442	1.156	0.120	0.555	1.426	0.625	1.250
	53.80	2.03	36.63	29.36	3.05	14.10	36.22	15.88	31.75
22	2.118	0.080	1.567	1.250	0.120	0.555	1.567	0.750	1.375
	53.80	2.03	39.80	31.75	3.05	14.10	39.80	19.05	34.93
24	2.250	0.080	1.692	1.375	1.147	0.590	1.735	0.800	1.500
	57.15	2.03	42.98	34.93	3.74	14.99	44.07	20.32	38.10

Box Mounting Receptacles



10J



62GB-10J

4-hole flange mounting with clamp for unscreened jacketed cable. No grommet supplied



Shell Size	A max	B ± 0.005 (± 0.13)	c max.sq	D TP sq	E ± 0.010 (± 0.254)	F ± 0.005 (± 0.13)	G dia. max.	Y dia max	Z Cable Entry min closed	max free
08	1.846	0.062	0.817	0.594	0.120	0.445	0.561	0.473	0.168	0.230
	46.89	1.58	20.75	15.09	3.05	11.3	14.25	12.02	4.28	5.84
10	1.846	0.062	0.942	0.719	0.120	0.445	0.686	0.590	0.205	0.312
	46.89	1.58	23.93	18.26	3.05	11.3	17.43	14.99	5.21	7.93
12	1.947	0.062	1.036	0.812	0.120	0.445	0.811	0.750	0.338	0.442
	49.45	1.58	26.32	20.63	3.05	11.3	20.60	19.05	8.59	11.23
14	2.147	0.062	1.130	0.906	0.120	0.445	0.936	0.875	0.416	0.539
	54.54	1.58	28.70	23.10	3.05	11.3	23.78	22.23	10.57	13.69
16	2.347	0.062	1.223	0.969	0.120	0.445	1.061	1.000	0.550	0.616
	59.61	1.575	31.07	24.61	3.05	11.3	26.96	25.4	13.97	15.65
18	2.547	0.062	1.317	1.062	0.120	0.445	1.186	1.125	0.600	0.672
	64.70	1.575	33.45	26.58	3.05	11.3	30.12	28.58	15.24	17.07
20	2.831	0.080	1.442	1.156	0.120	0.555	1.311	1.250	0.635	0.747
	71.91	2.03	36.63	29.36	3.05	14.10	33.30	31.75	16.13	18.98
22	3.031	0.080	1.567	1.250	0.120	0.555	1.436	1.375	0.670	0.846
	76.99	2.03	39.80	31.75	3.05	14.10	36.47	34.93	17.02	21.49
24	3.074	0.080	1.692	1.375	0.147	0.590	1.561	1.500	0.740	0.894
	78.08	2.03	42.98	34.93	3.73	14.99	39.65	38.1	18.80	22.71

10P



62GB-10P

4-hole flange mounting for potting



Shell Size	A max	B ± 0.005 (± 0.13)	c max.sq.	D TP sq	E ± 0.010 (± 0.254)	F ± 0.005 (± 0.13)	G dia. max	Y dia. max	Z dia. min
08	1.453	0.062	0.817	0.594	0.120	0.445	0.572	0.473	0.260
	36.91	1.575	20.75	15.09	3.05	11.3	14.53	12.02	6.60
10	1.453	0.062	0.942	0.179	0.120	0.445	0.666	0.590	0.463
	36.91	1.58	23.93	18.26	3.05	11.3	16.92	14.99	11.76
12	1.453	0.062	1.036	0.812	0.120	0.445	0.822	0.750	0.577
	36.91	1.58	26.32	20.63	3.05	11.3	20.88	19.05	14.15
14	1.453	0.062	1.130	0.906	0.120	0.445	0.907	0.875	0.590
	36.91	1.58	28.70	23.10	3.05	11.3	23.04	22.23	14.99
16	1.453	0.062	1.223	0.969	0.120	0.445	1.040	1.000	0.713
	36.91	1.58	31.07	24.61	3.05	11.3	26.42	25.40	18.11
18	1.453	0.062	1.317	1.062	0.120	0.445	1.165	1.125	0.835
	36.91	1.58	33.45	26.58	3.05	11.3	29.60	28.58	22.21
20	1.672	0.080	1.442	1.156	0.120	0.555	1.285	1.250	1.015
	42.47	2.03	36.63	29.36	3.05	14.10	32.64	31.75	25.78
22	1.672	0.080	1.567	1.250	0.120	0.555	1.400	1.375	1.015
	42.47	2.03	39.80	31.75	3.05	14.10	35.56	34.93	25.78
24	1.734	0.080	0.692	1.375	0.147	0.590	1.540	1.500	1.265
	44.05	2.03	42.98	34.93	3.74	14.99	39.12	38.10	32.13

Box Mounting Receptacles



12E



62GB-12E

MIL-C-26482 MS3112E



Shell Size	A max	8 ± 0.005 (± 0.13)	C max sq.	D TP sq.	E ± 0.010 (± 0.254)	F ± 0.005 (± 0.13)	G dia. max.	L	V dia. max.
08	0.978	0.062	0.817	0.594	0.120	0.445	0.434	0.800	0.473
	24.84	1.58	20.75	15.09	3.05	11.3	11.02	20.32	12.02
10	0.978	0.062	0.942	0.719	0.120	0.445	0.558	0.800	0.590
	24.84	1.58	23.93	18.26	3.05	11.3	14.17	20.32	14.99
12	0.978	0.062	1.036	0.812	0.120	0.445	0.683	0.800	0.750
	24.84	1.58	26.32	20.63	3.05	11.3	17.35	20.32	19.05
14	0.978	0.062	1.130	0.906	0.120	0.445	0.808	0.800	0.875
	24.84	1.58	28.70	23.10	3.05	11.3	20.52	20.32	22.23
16	0.978	0.062	1.223	0.969	0.120	0.445	0.933	0.800	1.000
	24.84	1.58	31.07	24.61	3.05	11.3	23.70	20.32	25.4
18	0.978	0.062	1.317	1.062	0.120	0.445	1.057	0.800	1.125
	24.84	1.58	33.45	26.58	3.05	11.3	26.85	20.32	28.58
20	1.048	0.080	1.442	1.156	0.120	0.555	1.182	0.875	1.250
	26.62	2.03	36.63	29.36	3.05	14.10	30.02	22.23	31.75
22	1.048	0.080	1.567	1.250	0.120	0.555	1.307	0.875	1.375
	26.62	2.03	39.80	31.75	3.05	14.10	33.20	22.23	34.93
24	1.048	0.080	1.692	1.375	0.147	0.590	1.432	0.875	1.500
	26.62	2.03	42.98	34.93	3.74	14.99	36.37	22.23	38.1

12E (219)



62GB-12E (219)

4-hole flange mounting with plain shell
with film wire terminations



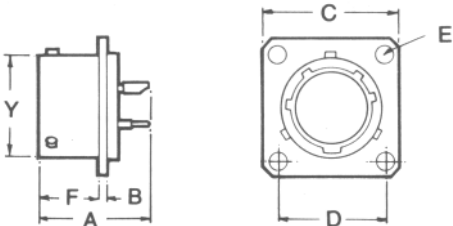
Shell Size	A max	B ± 0.005 (± 0.13)	C max sq.	D TP sq.	E dia 0.010	F ± 0.005 (± 0.13)	G dia. Max	J ± 0.020 (± 0.51)	K min max.	L max min	Y dia max.	Z
08	0.982	0.062	0.817	0.594	0.120	0.445	0.434	0.089	0.030 0.028	0.198 0.166	0.473	0.800
	24.95	1.58	20.75	15.09	3.05	11.3	11.02	2.26 0.76	0.70 0.70	5.03 4.22	12.02	20.32
10	0.982	0.062	0.942	0.719	0.120	0.445	0.558	0.089	0.030 0.028	0.198 0.166	0.590	0.800
	24.95	1.58	23.93	18.26	3.05	11.3	14.17	2.26 0.76	0.70 0.70	5.03 4.22	14.99	20.32
12	0.982	0.062	1.036	0.812	0.120	0.445	0.683	0.089	0.030 0.028	0.198 0.166	0.750	0.800
	24.95	1.58	26.32	20.63	3.05	11.3	17.35	2.26 0.76	0.70 0.70	5.03 4.22	19.05	20.32
14	0.982	0.062	1.130	0.906	0.120	0.445	0.808	0.089	0.030 0.028	0.198 0.166	0.875	0.800
	24.95	1.58	28.70	23.10	3.05	11.3	20.52	2.26 0.76	0.70 0.70	5.03 4.22	22.23	20.32
16	0.982	0.062	1.223	0.969	0.120	0.445	0.933	0.089	0.030 0.028	0.198 0.166	1.000	0.800
	24.95	1.58	31.07	24.61	3.05	11.3	23.70	2.26 0.76	0.70 0.70	5.03 4.22	25.4	20.32
18	0.982	0.062	1.317	1.062	0.120	0.445	1.057	0.089	0.030 0.028	0.198 0.166	1.125	0.800
	24.95	1.58	33.45	26.58	3.05	11.3	26.85	2.26 0.76	0.70 0.70	5.03 4.22	28.58	20.32
20	1.057	0.080	1.442	1.156	0.120	0.555	1.182	0.076	0.030 0.028	0.185 0.153	1.250	0.875
	26.85	2.03	36.63	29.36	3.05	14.10	30.02	1.93 0.76	0.70 0.70	4.70 3.89	31.75	22.23
22	1.057	0.080	1.567	1.250	0.120	0.555	1.307	0.076	0.030 0.028	0.185 0.153	1.375	0.875
	26.85	2.03	39.80	31.75	3.05	14.10	33.20	1.93 0.76	0.70 0.70	4.70 3.89	34.93	22.23
24	1.057	0.080	1.692	1.375	0.147	0.590	1.432	0.076	0.030 0.028	0.185 0.153	1.500	0.875
	26.85	2.03	42.98	34.93	3.74	14.99	36.37	1.93 0.76	0.70 0.70	4.70 3.89	38.1	22.23

Box Mounting Receptacles Hermetic Seal



62GB-12H

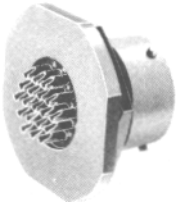
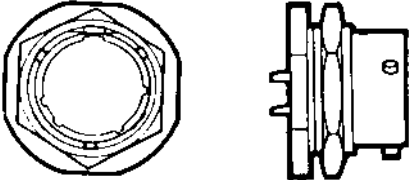
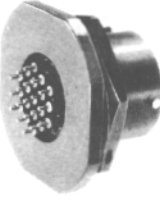
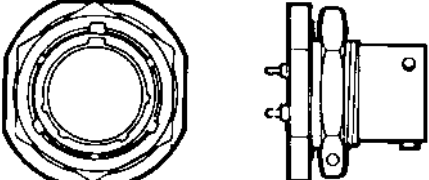
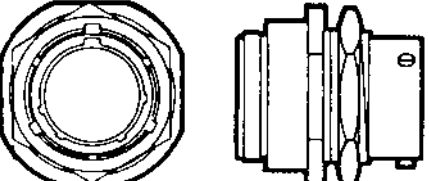
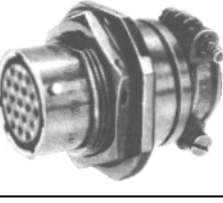
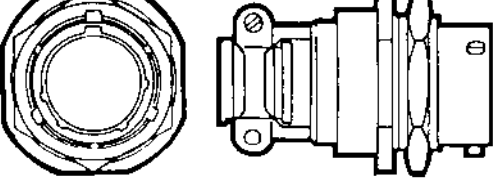
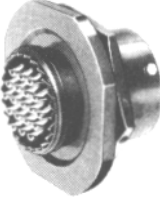
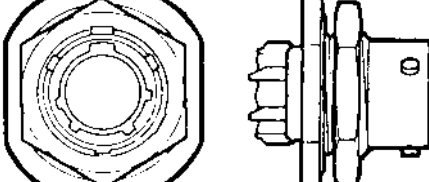
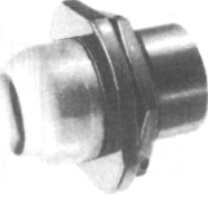
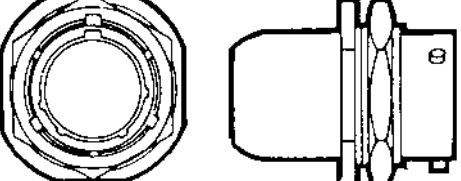
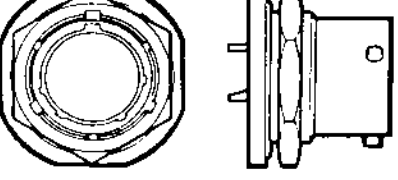
4-hole square mounting with exposed solder buckets or flattened and pierced pins.



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq.	D	E 0.008 (± 0.203) (±.051) .002	F ± 0.005 (± 0.13)	R ±0.005 (±0.13)	S	Y
08	0.828	0.062	0.812	0.594	0.120	0.443	0.568	1.250	0.473
	21.03	1.57	20.61	15.08	3.05	11.25	14.42	31.73	12.01
10	0.828	0.062	0.937	0.719	0.120	0.443	0.695	1.359	14.99
	21.03	1.57	23.79	18.29	3.05	11.25	17.53	34.52	14.99
12	0.828	0.062	1.031	0.812	0.120	0.443	0.864	1.531	0.750
	21.03	1.57	26.17	20.57	3.05	11.25	21.84	38.89	19.05
14	0.828	0.062	1.125	0.906	0.120	0.443	0.989	1.656	0.875
	21.03	1.57	28.57	23.11	3.05	11.25	25.15	42.06	22.23
16	0.828	0.062	1.218	0.969	0.120	0.443	1.113	1.781	1.000
	21.03	1.57	30.93	24.64	3.05	11.25	28.19	45.24	25.40
18	0.828	0.062	1.312	1.062	0.120	0.443	1.238	1.891	1.125
	21.03	1.57	33.32	26.92	3.05	11.25	31.49	48.03	28.58
20	0.890	0.093	1.437	1.156	0.120	0.561	1.363	2.031	1.250
	22.60	2.36	36.49	29.46	3.05	14.24	34.54	51.59	30.75
22	0.890	0.093	1.562	1.250	1.120	0.561	1.488	2.156	1.375
	22.60	2.36	39.67	31.75	3.05	14.24	37.85	54.76	34.93
24	0.890	0.093	1.687	1.375	0.147	0.593	1.615	2.277	1.500
	22.60	2.36	42.84	35.05	3.81	15.06	41.15	57.84	38.10

Single Hole Fixing Receptacles Table of Styles

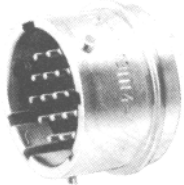
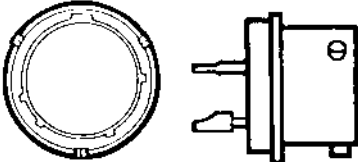
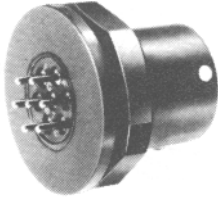
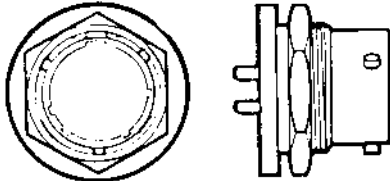
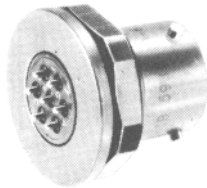
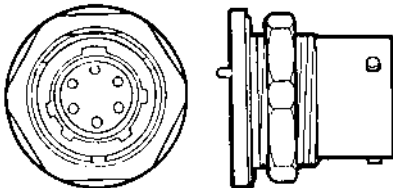
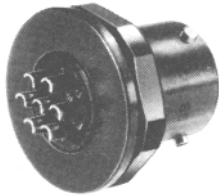
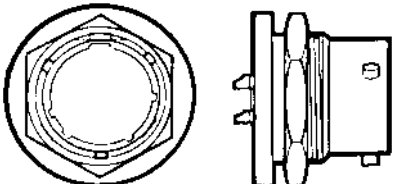
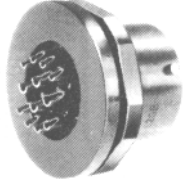
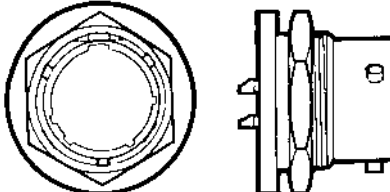
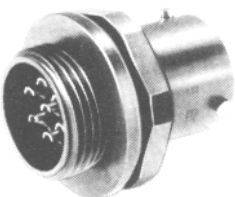
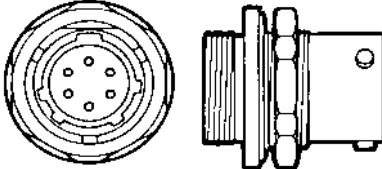
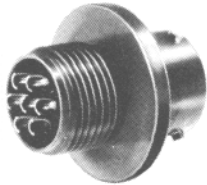
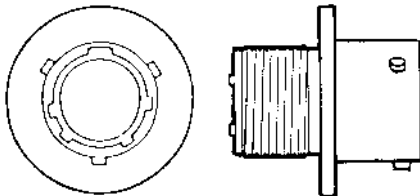
Page No.

62GB-57A			20
62GB-57A (219)			20
62GB-14E			21
62GB-14F			21
62GB-57T			22
62GB-17P			22
62GB-17H Hermetic Seal			23

Single Hole Fixing Receptacles

Table of Styles

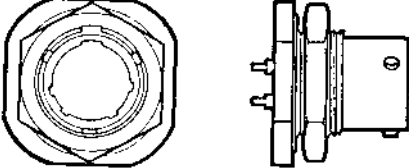
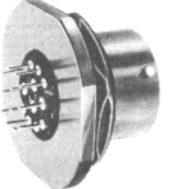
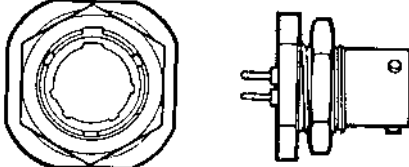
Page No.

62GB-1 3H Hermetic Seal			23
62GB-5005-10			24
62GB-5036-10			24
62GB-5016-10			25
62GB-5024			25
62GB-5052			26
62GB-5030			26

Single Hole Fixing Receptacles

Table of Styles

Page No.

62GB-5065			27
62GB-5067			27

Single Hole Fixing Receptacles



57A



62GB-57A
C2099

Single hole mounting with plain shell for direct wiring to exposed solder buckets. Has panel 'O' ring seal.



Shell Size	A max	B ± 0.005 (± 0.13)	C sq.	F ± 0.005 (± 0.13)	min	K max	L	M -0.005 (-0.13)	N ± 0.005 (± 0.13)	R ± 0.005 (± 0.13)	s min	Y	X Thread
08	0.978	0.117	0.942	0.706	0.062	0.125	0.750	0.527	0.540	0.572	1.250	0.473	9/16 - 24 NEF
	24.84	2.97	23.93	17.93	1.58	3.18	19.05	13.3	13.72	14.53	31.75	12.03	
10	0.978	0.117	1.067	0.706	0.062	0.125	0.875	0.652	0.665	0.697	1.359	0.590	11/16 - 24 NEF
	24.84	2.97	27.10	17.93	1.58	3.18	22.23	16.56	16.89	17.70	34.52	14.99	
12	0.978	0.117	1.255	0.706	0.062	0.125	1.062	0.815	0.828	0.885	1.531	0.750	7/8 - 20 UNEF
	24.84	2.97	31.88	17.93	1.58	3.18	26.98	20.70	21.03	22.48	38.89	19.05	
14	0.978	0.117	1.380	0.706	0.062	0.125	1.187	0.939	0.952	1.010	1.656	0.875	1 - 20 UNEF
	24.84	2.97	35.05	17.93	1.58	3.18	30.15	23.85	24.18	25.65	42.06	22.23	
16	0.978	0.117	1.505	0.706	0.062	0.125	1.312	1.063	1.076	1.135	1.781	1.000	1.1/8 - 18 NEF
	24.84	2.97	38.23	17.93	1.58	3.18	33.32	27.00	27.33	28.83	45.24	25.40	
18	0.978	0.117	1.630	0.706	0.062	0.125	1.437	1.188	1.201	1.260	1.891	1.125	1.1/4 - 18 NEF
	24.84	2.97	41.40	17.93	1.58	3.18	36.50	30.18	30.50	32.00	48.03	28.58	
20	1.048	0.148	1.817	0.894	0.062	0.250	1.562	1.313	1.326	1.385	2.031	1.250	1.3/8 - 18 NEF
	26.62	3.76	46.15	22.71	1.58	6.35	38.68	33.35	33.68	35.18	51.59	31.75	
22	1.048	0.148	1.942	0.894	0.062	0.250	1.687	1.438	1.451	1.510	2.156	1.375	1.1/2 - 18 NEF
	26.62	3.76	49.33	22.71	1.58	6.35	42.85	36.53	36.86	38.35	54.76	34.93	
24	1.048	0.148	2.067	0.927	0.062	0.250	1.812	1.563	1.576	1.635	2.277	1.500	1.5/8 - 18 NEF
	26.62	3.76	52.50	23.55	1.575	6.35	46.05	39.70	40.03	41.45	57.84	38.10	

57A(219)



62GB-57A (219)

Single hole mounting with plain shell and film wire terminations



Shell Size	A m	B ±0.005 (± 0.13)	C sq. max.	max	D min	F ±0.005 (±0.13)	H max	min	K min	max	L	M -0.005 (-0.13)	N ±0.005 (±0.13)	R ±0.005 (±0.13)	S min	Y	X Thread
08	0.976	0.117	0.942	0.030	0.028	0.706	0.173	0.133	0.062	0.125	0.750	0.527	0.540	0.572	1.250	0.473	9/16 -24 NEF
	24.79	2.97	23.93	0.76	0.71	17.93	4.40	3.38	1.58	3.18	19.05	13.3	13.72	14.53	31.75	12.03	
10	0.976	0.117	1.067	0.030	0.028	0.706	0.173	0.133	0.062	0.125	0.875	0.652	0.665	0.697	1.359	0.590	11/16 -24 NEF
	24.79	2.97	23.93	0.76	0.71	17.93	4.40	3.38	1.58	3.18	22.23	16.56	16.89	17.70	34.52	14.99	
12	0.976	0.117	1.255	0.030	0.028	0.706	0.173	0.133	0.062	0.125	1.062	0.815	0.828	0.885	1.531	0.750	7/8 -20 UNEF
	24.79	2.97	31.88	0.76	0.71	17.93	4.40	3.38	1.58	3.18	26.98	20.70	21.03	22.48	38.89	19.05	
14	0.976	0.117	1.380	0.030	0.028	0.706	0.173	0.133	0.062	0.125	1.187	0.939	0.952	1.010	1.656	0.875	1 - 20 UNEF
	24.79	2.97	35.05	0.76	0.71	17.93	4.40	3.38	1.58	3.18	30.15	23.85	24.18	25.65	42.06	22.26	
16	0.976	0.117	1.505	0.030	0.028	0.706	0.173	0.133	0.062	0.125	1.312	1.063	1.076	1.135	1.781	1.000	1.1/8 - 18 NEF
	24.79	2.97	38.23	0.76	0.71	17.93	4.40	3.38	1.58	3.18	33.32	27.00	27.33	28.83	45.24	25.40	
18	0.976	0.117	1.630	0.030	0.028	0.706	0.173	0.133	0.062	0.125	1.437	1.188	1.201	1.260	1.891	1.125	1.1/4 - 18 NEF
	24.79	2.97	41.40	0.76	0.71	17.93	4.40	3.38	1.58	3.18	36.50	30.18	30.50	32.00	48.03	28.58	
20	1.195	0.148	1.817	0.030	0.028	0.894	0.173	0.133	0.062	0.250	1.562	1.313	1.326	1.385	2.031	1.250	1.3/8 - 18 NEF
	30.35	3.76	46.15	0.76	0.71	22.71	4.40	3.38	1.58	6.35	38.68	33.35	35.18	51.59	31.75		
22	1.195	0.148	1.942	0.030	0.028	0.894	0.173	0.133	0.062	0.250	1.687	1.438	1.451	1.510	2.156	1.375	1.1/2 -18NEF
	30.35	3.76	49.33	0.76	0.71	22.71	4.40	3.38	1.58	6.35	42.85	36.53	36.86	38.35	54.76	34.93	
24	1.228	0.148	2.067	0.030	0.028	0.927	0.173	0.133	0.062	0.250	1.812	1.563	1.576	1.635	2.277	1.500	1.5/8 - 18 NEF
	30.35	3.76	52.50	0.76	0.71	23.55	4.40	3.38	1.58	6.35	46.05	39.70	40.03	41.45	57.84	38.10	

Single Hole Fixing Receptacles



14E



62GB-14E
MIL-C-26482 MS3114E

Single hole mounting with grommet and grommet nut.
Has panel 'O' ring seal



Shell Size	A max	B ±0.005 (±0.13)	C max sq.	F ±0.005 (±0.13)	G Dia Max	min	K max	L	M -0.005 (-0.13)	N ±0.005 (±0.13)	R ±0.005 (±0.13)	S	Y	X Thread
08	1.344	0.117	0.942	0.706	0.713	0.062	0.125	0.750	0.527	0.540	0.572	1.250	0.473	9/16-24NEF
	34.14	2.97	23.93	17.93	18.11	1.58	3.18	19.05	13.3	13.72	14.53	31.75	12.03	
10	1.344	0.117	1.067	0.706	0.838	0.062	0.125	0.875	0.652	0.665	0.697	1.359	0.590	11/16 -24 NEF
	34.14	2.97	27.10	17.93	21.29	1.58	3.18	22.23	16.56	16.89	17.70	34.52	14.99	
12	1.344	0.117	1.255	0.706	0.963	0.062	0.125	1.062	0.815	0.828	0.885	1.531	0.750	7/8 -20 UNEF
	34.14	2.97	31.88	17.93	24.46	1.58	3.18	26.98	20.70	21.03	22.48	38.89	19.05	
14	1.344	0.117	1.380	0.706	1.088	0.062	0.125	1.187	0.939	0.952	1.010	1.656	0.875	1 - 20 UNEF
	34.14	2.97	35.05	17.93	27.63	1.58	3.18	30.15	23.85	24.18	25.65	42.06	22.23	
16	1.344	0.117	1.505	0.706	1.213	0.062	0.125	1.312	1.063	1.076	1.135	1.781	1.000	1.1/8 -18NEF
	34.14	2.97	38.23	17.93	30.81	1.58	3.18	33.32	27.00	27.33	28.83	45.24	25.40	
18	1.344	0.117	1.630	0.706	1.338	0.062	0.125	1.437	1.188	1.201	1.260	1.891	1.125	1.1/4 -18 NEF
	34.14	2.97	41.40	17.93	33.98	1.58	3.18	36.50	30.18	30.50	32.00	48.03	28.58	
20	1.576	0.148	1.817	0.894	1.463	0.062	0.250	1.562	1.313	1.326	1.385	2.031	1.250	1.3/8 - 18 NEF
	40.03	3.76	46.15	22.71	37.16	1.58	6.35	38.68	33.35	33.68	35.18	51.59	31.75	
22	1.576	0.148	1.942	0.894	1.588	0.062	0.250	1.687	1.438	1.451	1.510	2.156	1.375	1.1/2 - 18 NEF
	40.03	3.76	49.33	22.71	40.33	1.58	6.35	42.85	36.53	36.86	38.35	54.76	34.93	
24	1.609	0.148	2.067	0.927	1.713	0.062	0.250	1.812	1.563	1.576	1.635	2.277	1.500	1.5/8 - 18 NEF
	40.87	3.76	52.50	23.55	43.51	1.58	6.35	46.05	39.70	40.03	41.45	57.84	38.10	

14F



62GB-1 4F
MIL-C-26482 MS3114F

Single hole mounting with grommet and grommet nut fitted with integral strain relief clamp.
Has panel 'O' ring seal



Shell Size	A max	B ±0.005 (±0.13)	C max sq.	F ±0.005 (±0.13)	G dia. max.	H 0.005 (± 0.13)	min	K max	L	M -0.005 (-0.13)	N ±0.005 (±0.13)	R ±0.005 (±0.13)	S	Y	X Thread
08	1.762	0.117	0.942	0.706	0.828	0.156	0.062	0.125	0.750	0.527	0.540	0.572	1.250	0.473	9/16 -24 NEF
	44.75	2.97	23.93	17.93	21.03	3.96	1.58	3.18	19.05	13.3	13.72	14.53	31.75	12.03	
10	1.762	0.117	1.067	0.706	0.891	0.188	0.062	0.125	0.875	0.652	0.665	0.697	1.359	0.590	11/16 - 124 NEF
	44.75	2.97	27.10	17.93	22.63	4.78	1.58	3.18	22.23	16.56	16.89	17.70	34.52	14.99	
12	1.762	0.117	1.255	0.706	1.016	0.312	0.062	0.125	1.062	0.815	0.828	0.885	1.531	0.750	7/8 - 20 UNEF
	44.75	2.97	31.88	17.93	25.81	7.93	1.58	3.18	26.98	20.70	21.03	22.48	38.89	19.05	
14	1.736	0.117	1.380	0.706	7.147	0.375	0.062	0.125	1.187	0.939	0.952	1.010	1.656	0.875	1 - 20 NEF
	44.10	2.97	35.05	17.93	28.97	9.53	1.58	3.18	30.15	23.85	24.18	25.65	42.06	22.23	
16	1.876	0.117	1.505	0.706	1.203	0.500	0.062	0.125	1.312	1.063	1.076	1.135	1.781	1.000	1.1/8 - 18 NEF
	47.65	2.97	38.23	17.93	30.56	12.7	1.58	3.18	33.32	27.00	27.33	28.83	45.24	25.40	
18	1.876	0.117	1.630	0.706	1.426	0.625	0.062	0.125	1.437	1.188	1.201	1.260	1.891	7.125	1.1/4 - 18 NEF
	47.65	2.97	41.40	17.93	36.22	15.88	1.58	3.18	36.50	30.18	30.50	32.00	48.03	28.58	
20	2.118	0.148	1.817	0.894	1.426	0.625	0.062	0.250	1.562	1.313	1.326	1.385	2.031	1.250	1.3/8 - 18 NEF
	53.8	3.76	46.15	22.71	36.22	15.88	1.58	6.35	38.68	33.35	33.68	35.18	51.59	31.75	
22	2.118	0.148	1.942	0.894	7.567	0.750	0.062	0.250	1.687	1.438	1.451	1.510	2.756	1.375	1.1/2 - 18 NEE
	53.8	3.76	49.33	22.71	39.80	19.05	1.58	6.35	42.85	36.53	36.86	38.35	54.76	34.93	
24	2.250	0.148	2.067	0.927	1.735	0.800	0.062	0.250	1.812	1.563	1.576	1.635	2.277	1.500	1.5/8 - 18 NEF
	57.15	3.76	52.50	23.55	44.07	20.32	1.58	6.35	46.05	39.70	40.03	41.45	57.84	38.10	

Single Hole Fixing Receptacles



57T



62G B-57T

Single hole mounting with threaded shell to accept accessories



Shell Size	A max	B ± 0.005 (± 0.13)	c max. sq.	F ± 0.005 (± 0.13)	G dia. max.	K min	K max	L	M -0.005 (-0.13)	N	Y	X Thread
08	0.978	0.117	0.942	0.595	0.426	0.062	0.125	0.750	0.527	7/16 - UNEF	0.473	9/16 - 24 NEF
	24.84	2.97	23.93	15.12	10.82	1.58	3.18	19.05	13.3		12.03	
10	0.978	0.117	1.067	0.595	0.552	0.062	0.125	0.875	0.652	9/16 - UNEF	0.590	11/16 - 24 NEF
	24.84	2.97	27.10	15.12	14.02	1.58	3.18	22.23	16.56		14.99	
12	0.978	0.117	1.255	0.595	0.677	0.062	0.125	1.062	0.815	11/16 - UNEF	0.750	7/8 - 20 UNEF
	24.84	2.97	31.88	15.12	17.20	1.58	3.18	26.98	20.70		19.05	
14	0.978	0.117	1.380	0.595	0.802	0.062	0.125	1.187	0.939	13/16 - UNEF	0.875	1 - 20 UNEF
	24.84	2.97	35.05	15.12	20.37	1.58	3.18	30.15	23.85		22.23	
16	0.978	0.117	1.505	0.595	0.927	0.062	0.125	1.312	1.063	15/16 - UNEF	1.000	1.1/18 - 18 NEF
	24.84	2.97	38.23	15.12	23.55	1.58	3.18	33.32	27.00		25.40	
18	0.978	0.117	1.630	0.595	1.052	0.062	0.125	1.437	1.188	1.1/16 - UNEF	1.125	1.1/4 - 18 NEF
	24.84	2.98	41.40	15.12	26.72	1.58	3.18	36.50	30.18		28.58	
20	1.048	0.148	1.817	0.720	1.167	0.062	0.250	1.562	1.313	1.3/16 - UNEF	1.250	1.3/8 - 18 NEF
	26.62	3.76	46.15	18.29	29.65	1.58	6.35	38.68	33.35		31.75	
22	1.048	0.148	1.942	0.720	1.292	0.062	0.250	1.687	1.438	1.5/16 - UNEF	1.375	1.1/2 - 18 NEF
	26.62	3.76	49.33	18.29	32.82	1.58	6.35	42.85	36.53		34.93	
24	1.048	0.148	2.067	0.753	1.416	0.062	0.250	1.812	1.563	1.7/16 - UNEF	1.50	1.5/8 - 18 NEF
	26.62	3.76	52.50	19.13	35.97	1.58	6.35	46.05	39.70		38.10	

17P



62GB-17P

MIL-C-26482 MS3114P

Single hole mounting for potting. Supplied complete with potting mould locating ring and panel 'O' ring seal



Shell Size	A max.	B ±0.005 (±0.13)	C max. sq.	F ± 0.005 (±0.13)	G	K min	K max.	L	M -0.005 (-0.13)	N ±0.005 (±0.13)	R ±0.005 (±0.13)	Y	Z	X Thread	
08	1.391	0.117	0.942	0.706	0.572	0.062	0.125	0.750	0.527	0.540	0.572	1.250	0.473	0.260	9/16 -24 NEF
	35.33	2.97	23.93	17.93	14.53	1.58	3.175	19.05	13.3	13.72	14.53	31.75	12.03	6.60	
10	1.391	0.117	1.067	0.706	0.666	0.062	0.125	0.875	0.652	0.665	0.697	1.359	0.590	0.463	11/16 -24 NEF
	35.33	2.97	27.10	17.93	16.92	1.58	3.18	22.23	16.56	16.89	17.70	34.52	14.99	11.76	
12	1.391	0.117	1.255	0.706	0.822	0.062	0.125	1.062	0.815	0.828	0.885	1.531	0.750	0.557	7/8 - 20 UNEF
	35.33	2.97	31.88	17.93	20.88	1.58	3.18	26.98	20.70	21.03	22.48	38.89	19.05	14.15	
14	1.391	0.117	1.380	0.706	0.907	0.062	0.125	1.187	0.939	0.952	1.010	1.656	0.875	0.590	1 - 20 UNEF
	35.33	2.97	35.05	17.93	23.06	1.58	3.18	30.15	23.85	24.18	25.65	42.06	22.23	14.99	
16	1.391	0.117	1.505	0.706	1.040	0.062	0.125	1.312	1.063	1.076	1.135	1.781	1.000	0.713	1.1/18 – 18 NEF
	35.33	2.97	38.23	17.93	26.42	1.58	3.18	33.32	27.00	27.33	28.83	45.24	25.40	18.11	
18	1.391	0.117	1.630	0.706	1.165	0.062	0.125	1.437	1.188	1.201	1.260	1.891	1.125	0.835	1.1/4 - 18 NEF
	35.33	2.97	41.40	17.93	29.59	1.58	3.175	36.50	30.18	30.50	32.00	48.03	28.58	21.21	
20	1.641	0.148	1.817	0.894	1.285	0.062	0.250	1.562	1.313	1.326	1.385	2.031	1.250	1.015	1.3/8 –18 NEF
	41.68	3.76	46.15	22.71	32.64	1.58	6.35	38.68	33.35	33.68	35.18	51.59	31.75	25.78	
22	1.641	0.148	1.942	0.894	1.400	0.062	0.250	1.687	1.438	1.451	1.510	2.156	1.375	1.015	1.1/2 –18 NEF
	41.68	3.76	49.33	22.71	35.56	1.58	6.35	42.85	36.53	36.86	38.35	54.76	34.93	25.78	
24	1.674	0.148	2.067	0.927	1.540	0.062	0.250	1.812	1.563	1.576	1.635	2.277	1.500	1.265	1.5/8 - 18 NEF
	42.52	3.76	52.50	23.55	39.12	1.58	6.35	46.05	39.70	40.03	41.45	57.84	38.10	32.13	

Single Hole Fixing Receptacles Hermetic Seal



17H



62GB-17H

MIL-C-26482 MS3114H

Single hole mounting with pin contacts in one piece
glass-to-metal seal. Exposed solder buckets or
flattened and pierced pins.
Has panel 'O' ring seal



Shell Size	A max.	B ±0.005 (±0.13)	C max. sq	F ±0.005 (±0.13)	min	K max	L	M -0.005 (-0.13)	N ±0.005 (±0.13)	R ±0.005 (±0.13)	S	Y	X Thread
08	0.828 21.03	0.094 2.39	0.942 23.93	0.706 17.93	0.062 1.57	0.125 3.18	0.750 19.05	0.527 13.39	0.540 13.72	0.572 14.53	1.250 31.75	0.473 12.01	9/16 - 24 NEF
10	0.828 21.03	0.094 2.39	1.067 27.10	0.706 17.93	0.062 1.57	0.125 3.18	0.875 22.23	0.652 16.56	0.665 16.89	0.697 17.70	1.359 34.52	0.590 14.99	11/16 - 24 NEF
12	0.828 21.03	0.094 2.39	1.255 31.88	0.706 17.93	0.062 1.57	0.125 3.18	1.062 26.97	0.815 20.70	0.828 21.03	0.885 22.48	1.531 38.89	0.750 19.05	7/8 - 20 UNEF
14	0.828 21.03	0.094 2.39	1.380 35.05	0.706 17.93	0.062 1.57	0.125 3.18	1.187 30.15	0.939 23.85	0.952 24.18	1.010 25.65	1.656 42.06	0.875 22.23	1 - 20 UNEF
16	0.828 21.03	0.094 2.39	1.505 38.23	0.706 17.93	0.062 1.57	0.125 3.18	1.312 33.32	1.063 27.00	1.076 27.33	1.135 28.53	1.781 45.24	1.000 25.40	1.1/8 - 18 NEF
18	0.828 21.03	0.094 2.39	1.630 41.40	0.706 17.93	0.062 1.57	0.125 3.18	1.437 36.50	1.188 30.18	1.201 30.51	1.260 32.00	1.891 48.03	1.125 28.58	1.1/4 - 18 NEF
20	0.828 21.03	0.125 3.18	1.817 46.15	0.894 22.71	0.062 1.57	0.250 6.35	1.562 39.67	1.313 33.35	1.326 33.68	1.385 35.18	2.031 51.59	1.250 30.75	1.3/8 - 18 NEF
22	0.890 22.61	0.125 3.18	1.942 49.33	0.894 22.71	0.062 1.57	0.250 6.35	1.687 42.85	1.438 36.53	1.451 36.86	1.510 38.35	2.156 54.76	1.375 34.93	1.1/2 - 18 NEF
24	0.890 22.61	0.125 3.18	2.067 52.50	0.927 23.55	0.062 1.57	0.250 6.35	1.812 46.02	1.563 39.70	1.576 40.03	1.635 41.53	2.277 57.84	1.500 38.10	1.5/8 - 18 NEF

13H



62GB-1 3H

MIL-C-26482 MS3113H

Solder mounting with plain shell and exposed
solder buckets or flattened and pierced pins



Shell Size	A max	B ±0.005 (± 0.13)	c max	F ±0.005 (± 0.13)	G max	J max	R ±0.005 (± 0.13)	S min	Y dia. max
08	0.828 21.03	0.036 0.91	0.630 16.00	0.426 10.82	0.562 14.27	0.592 15.04	0.578 14.68	1.250 31.75	0.473 12.01
10	0.828 21.03	0.036 0.91	0.755 19.18	0.426 10.82	0.672 17.07	0.592 15.04	0.687 17.45	1.359 34.52	0.590 14.99
12	0.828 21.03	0.036 0.91	0.849 21.56	0.426 10.82	0.781 19.84	0.592 15.04	0.797 20.24	1.531 38.89	0.750 19.05
14	0.828 21.03	0.036 0.91	0.974 24.74	0.426 10.82	0.906 23.01	0.592 15.04	0.922 23.42	1.656 42.06	0.875 22.23
16	0.828 21.03	0.036 0.91	1.099 27.91	0.426 10.82	1.031 26.19	0.592 15.04	1.047 26.59	1.781 45.24	1.000 25.40
18	0.828 21.03	0.036 0.91	1.223 31.06	0.426 10.82	1.156 29.36	0.592 15.04	1.172 29.77	1.891 48.03	1.125 28.58
20	0.890 22.61	0.036 0.91	1.317 33.45	0.488 12.40	1.250 31.75	0.658 16.70	1.266 32.16	2.031 51.59	1.250 30.75
22	0.890 22.61	0.036 0.91	1.443 36.65	0.488 12.40	1.375 34.93	0.686 17.42	1.390 35.31	2.156 54.76	1.375 34.93
24	0.890 22.61	0.036 0.91	1.567 39.80	0.521 13.23	1.500 38.10	0.719 18.26	1.516 38.51	2.277 57.84	1.500 38.10

Single Hole Fixing Receptacles



5005



62GB-5005-10
(RSRE SD/C 235025/X)

Single hole mounting plain shell with PC pin terminated contacts. Reduced diameter flange with panel 'O' seal

Size 10 only



	A max	B +0.001 -0.002 (+0.03) (-0.03)	D dia. max	F +0.002 -0.003 (+0.05) (-0.08)	min	K max	M -0.005 (-0.13)	N ±0.003 (±0.08)	R +0.005 (+0.13)	S	Y dia. max.	X Thread	L dia
10	0.877 22.28	0.065 1.65	0.880 22.35	0.681 17.29	0.062 1.58	0.125 3.18	0.655 16.63	0.659 16.47	0.690 17.52	1.017 25.83	0.590 14.99	11/16 – 24 NEF	0.820 20.83

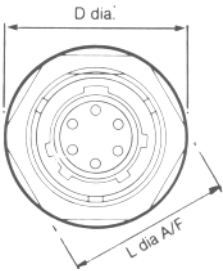
5036



62GB-5036-10
(RSRE SD/C235025/X)

Single hole mounting with circular flange and P.C. terminations

Size 10 only



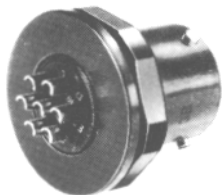
Shell Size	A max	B +0.001 -0.002 (+0.03) (-0.05)	D dia. max	F +0.002 -0.003 (+0.05) (-0.08)	Y dia. max.	min	K max	M -0.005 (-0.13)	N ±0.003 (±0.08)	R +0.005 (+0.13)	S	X Thread	L dia
10	0.829 21.06	0.066 1.67	0.880 22.35	0.679 17.25	0.590 14.99	0.062 1.57	0.125 3.18	0.655 16.63	0.659 16.47	0.690 17.52	1.017 25.83	11/16 – 24 NEF	0.820 20.83

Single Hole Fixing Receptacles

Mounting Details



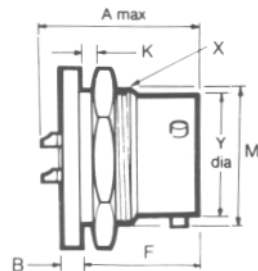
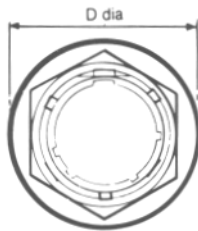
5016



62GB-5016-10
(RSRE SD/C 235025/X)

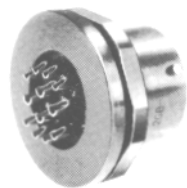
Single hole mounting plain shell for direct wiring to exposed solder buckets. Reduced diameter flange with panel 'O' ring seal

Solder bucket: Size 10 only



Shell Size	A max	B +0.002 -0.001 (+0.05) (-0.03)	D dia. max	F + 0.003 - 0.002 (+ 0.08) (- 0.05)	K min	K max	M - 0.010 (- 0.25)	N ± 0.005 (± 0.13)	R + 0.005 (+ 0.13)	S	Y dia. max.	X Thread
10	0.902 22.91	0.064 1.62	0.880 22.35	0.678 17.21	0.062 1.58	0.125 3.18	0.655 16.63	0.665 16.89	0.697 17.70	1.359 34.52	0.590 14.99	11/16 - 24 NEF

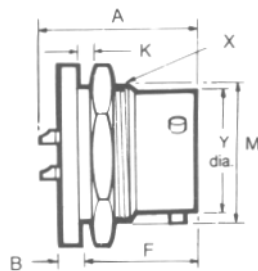
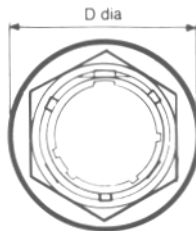
5024



62GB-5024
(RSRE SD/C 35077/X)

Single hole mounting plain shell for direct wiring to exposed solder buckets. Reduced diameter flange with panel 'O' ring seal

Solder buckets: Size 8, 12 and 14 only



Shell Size	A max	B ± 0.005 (± 0.13)	D dia. max	F ± 0.005 (± 0.13)	K min	K max	M - 0.005 (- 0.13)	N ± 0.005 (± 0.13)	R ±0.005 (± 0.13)	S min	Y dia. max	X Thread
08	0.978 24.84	0.117 2.97	0.830 21.08	0.706 17.93	0.062 1.58	0.125 3.18	0.527 13.3	0.540 13.72	0.572 14.53	1.250 31.75	0.473 12.03	9/16 - 24 NEF
12	0.978 24.84	0.117 2.97	1.130 28.70	0.706 17.93	0.062 1.58	0.125 3.18	0.815 20.70	0.828 21.03	0.885 22.48	1.531 38.89	0.750 19.05	7/8 - 20 UNEF
14	0.978 24.84	0.117 2.97	1.260 32.00	0.706 17.93	0.062 1.58	0.125 3.18	0.939 23.85	0.952 24.18	1.010 25.65	1.656 42.06	0.875 22.23	1 -20 UNEF

Single Hole Fixing Receptacles



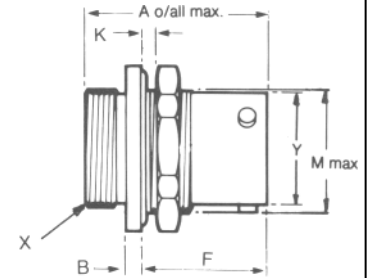
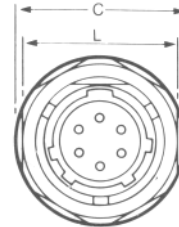
5052



62GB-5052-10

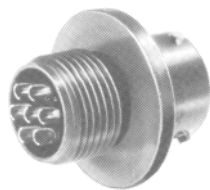
Single hole fixing with circular flange and back end thread - solder termination

Size 10 only



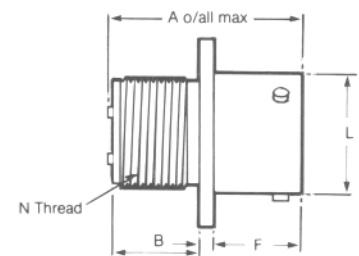
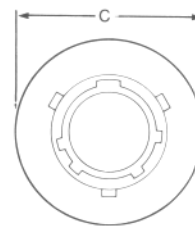
Shell Size	A max	B (± 0.05) (± 0.03)	C max. sq.	F + 0.003 - 0.002 (+ 0.08) (- 0.05)	K min max	L	M - 0.005 (- 0.13)	N ± 0.005 (± 0.13)	R ± 0.005 (± 0.13)	S ± 0.005 (± 0.13)	X Thread
10	0.947 24.06	0.062 1.58	0.880 22.35	0.677 17.19	0.062 1.58 0.125 3.18	0.820 20.83	0.650 16.51	5/8 - 24 UNEF	0.697 17.70	1.359 34.52	11/16 - 24 NEF

5030



62G B-5030

Bulkhead mounting receptacle with solder terminations



Shell Size	A max	B ± 0.005 (± 0.13)	C ± 0.010 (± 0.25)	F ± 0.005 (± 0.13)	L	N Thread
08	0.978 24.85	0.094 2.39	0.812 20.63	0.415 10.54	0.563 14.30	7/16 - 28 UNEF
10	0.978 24.85	0.094 2.39	0.937 23.80	0.415 10.54	0.680 17.28	9/16 - 24 NEF
12	0.978 24.85	0.094 2.39	1.031 26.19	0.415 10.54	0.859 21.82	11 /16 - 24 NEF
14	0.978 24.85	0.094 2.39	1.125 28.58	0.415 10.54	0.984 25.00	13/16 - 20 UNEF
16	0.978 24.85	0.094 2.39	1.218 30.94	0.415 10.54	1.108 28.15	15/16 - 20 UNEF
18	0.978 24.85	0.094 2.39	1.3121 33.33	0.415 10.54	1.233 31.32	1.1/16 - 18NEF
20	1.048 26.62	0.102 2.59	1.437 36.50	0.535 13.59	1.358 34.50	1.3/16 -18NEF
22	1.048 26.62	0.102 2.59	1.562 39.68	0.535 13.59	1.483 37.67	1.5/16 - 18 NEF
24	1.048 26.62	0.102 2.59	1.687 42.85	0.572 14.53	1.610 40.90	1.7/16 - 18 NEF

Single Mole Fixing Receptacles



5065



62G B-5065



Single hole mounting with plain shell
and film wire terminations



Shell Size	A max	B ± 0.005 (± 0.13)	C sq.	D max	D min	F ± 0.005 (± 0.13)	H max	H min	J ± 0.020 (± 0.51)	K min	K max	L	M -0.005 (-0.13)	N ± 0.005 (± 0.13)	R ± 0.005 (± 0.13)	S	Y	X Thread
08	1.021	0.117	0.942	0.030	0.028	0.706	0.218	0.178	0.060	0.062	0.125	0.750	0.527	0.540	0.572	1.250	0.473	9/16 - 24 NEF
	25.94	2.97	23.93	0.76	0.71	17.93	5.54	4.52	1.52	1.58	3.18	19.05	13.3	13.72	14.53	31.75	12.03	
10	1.021	0.117	1.067	0.030	0.028	0.706	0.218	0.178	0.060	0.062	0.125	0.875	0.652	0.665	0.697	1.359	0.590	11/16 - 24 NEF
	25.94	2.97	27.10	0.76	0.71	17.93	5.54	4.52	1.52	1.58	3.18	22.23	16.56	16.89	17.70	34.52	14.99	
12	1.021	0.117	1.255	0.030	0.028	0.706	0.218	0.178	0.060	0.062	0.125	1.062	0.815	0.828	0.885	1.531	0.750	7/8 - 20 UNEF
	25.94	2.97	31.88	0.76	0.71	17.93	5.54	4.52	1.52	1.58	3.18	26.98	20.70	21.03	22.48	38.89	19.05	
14	1.021	0.117	1.380	0.030	0.028	0.706	0.218	0.178	0.060	0.062	0.125	1.187	0.939	0.952	1.010	1.656	0.875	1 - 20 UNEF
	25.94	2.97	35.05	0.76	0.71	17.93	5.54	4.52	1.52	1.58	3.18	30.15	23.85	24.18	25.65	42.06	22.23	
16	1.021	0.117	1.505	0.030	0.028	0.706	0.218	0.178	0.060	0.062	0.125	1.312	1.063	1.076	1.135	1.781	1.000	1.1/8 - 18 NEF
	25.94	2.97	38.23	0.76	0.71	17.93	5.54	4.52	1.52	1.58	3.18	33.32	27.00	27.33	28.83	45.24	25.40	
18	1.021	0.117	1.630	0.030	0.028	0.706	0.218	0.178	0.060	0.062	0.125	1.437	1.188	1.201	1.260	1.891	1.125	1.1/4 - 18 NEF
	25.94	2.97	41.40	0.76	0.71	17.93	5.54	4.52	1.52	1.58	3.18	36.50	30.18	30.50	32.00	48.03	28.58	
20	1.240	0.148	1.817	0.030	0.028	0.894	0.218	0.178	0.060	0.062	0.250	1.562	1.313	1.326	1.385	2.031	1.250	1.3/8 - 18 NEF
	31.50	3.76	46.15	0.76	0.71	22.71	5.54	4.52	1.52	1.58	6.35	38.68	33.35	33.68	35.18	51.59	31.75	
22	1.240	0.148	1.942	0.030	0.028	0.894	0.218	0.178	0.060	0.062	0.250	1.687	1.438	1.451	1.510	2.156	1.375	1.1/2 - 18 NEF
	31.50	3.76	49.33	0.76	0.71	22.71	5.54	4.52	1.52	1.58	6.35	42.85	36.53	36.855	38.35	54.76	34.93	
24	1.273	0.148	2.067	0.030	0.028	0.927	0.218	0.178	0.060	0.062	0.250	1.812	1.563	1.576	1.635	2.277	1.500	1.5/8 - 18 NEF
	32.34	3.76	52.50	0.76	0.71	23.55	5.54	4.52	1.52	1.58	6.35	46.05	39.70	40.03	41.45	57.84	38.10	

5067



62GB-5067



Single hole mounting with plain shell
and film wire terminations



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq	D max	D min	F ± 0.005 (± 0.13)	H max	H min	J ± 0.012 (± 0.30)	K min	K max	L	M -0.005 (-0.13)	N ± 0.005 (± 0.13)	R ± 0.005 (± 0.13)	S	Y	X Thread
08	1.095	0.117	0.942	0.030	0.028	0.706	0.262	0.230	0.049	0.062	0.125	0.750	0.527	0.540	0.572	1.250	0.473	9/16 - 24 NEF
	27.81	2.97	23.93	0.76	0.71	17.93	6.66	5.85	1.24	1.58	3.18	19.05	13.3	13.72	14.53	31.75	12.03	
10	1.095	0.117	1.067	0.030	0.028	0.706	0.262	0.230	0.049	0.062	0.125	0.875	0.652	0.665	0.697	1.359	0.590	11/16 - 24 NEF
	27.81	2.97	27.10	0.76	0.71	17.93	6.66	5.85	1.24	1.58	3.18	22.23	16.56	16.89	17.70	34.52	14.99	
12	1.095	0.117	1.255	0.030	0.028	0.706	0.262	0.230	0.049	0.062	0.125	1.062	0.815	0.828	0.885	1.531	0.750	7/8 - 20 UNEF
	27.81	2.97	31.88	0.76	0.71	17.93	6.66	5.85	1.24	1.58	3.18	26.98	20.70	21.03	22.50	38.89	19.05	
14	1.095	0.117	1.380	0.030	0.028	0.706	0.262	0.230	0.049	0.062	0.125	1.187	0.939	0.952	1.010	1.656	0.875	1 - 20 UNEF
	27.81	2.97	35.10	0.76	0.71	17.93	6.66	5.85	1.24	1.58	3.18	30.15	23.85	24.18	25.65	42.06	22.23	
16	1.095	0.117	1.505	0.030	0.028	0.706	0.262	0.230	0.049	0.062	0.125	1.312	1.063	1.076	1.135	1.781	1.000	1.1/8 - 18 NEF
	27.81	2.97	38.23	0.76	0.71	17.93	6.66	5.85	1.24	1.58	3.18	33.32	27.00	27.33	28.83	45.24	25.40	
18	1.095	0.117	1.630	0.030	0.028	0.706	0.262	0.230	0.049	0.062	0.125	1.437	1.188	1.201	1.260	1.891	1.125	1.1/4 - 18 NEF
	27.81	2.97	41.40	0.76	0.71	17.93	6.66	5.85	1.24	1.58	3.18	36.50	30.18	30.51	32.00	48.03	28.58	
20	1.309	0.148	1.817	0.030	0.028	0.894	0.262	0.230	0.049	0.062	0.250	1.562	1.313	1.326	1.385	2.031	1.250	1.3/8 - 18 NEF
	33.24	3.76	46.15	0.76	0.71	22.71	6.66	5.85	1.24	1.58	6.35	38.68	33.35	33.68	35.18	51.59	31.75	
22	1.309	0.148	1.942	0.030	0.028	0.894	0.262	0.230	0.049	0.062	0.250	1.687	1.438	1.451	1.510	2.156	1.375	1.1/2 - 18 NEF
	33.24	3.76	49.33	0.76	0.71	22.71	6.66	5.85	1.24	1.58	6.35	42.85	36.53	36.86	38.35	54.76	34.93	
24	1.342	0.148	2.067	0.030	0.028	0.927	0.262	0.230	0.049	0.062	0.250	1.812	1.563	1.576	1.635	2.277	1.500	1.5/8 - 18 NEF
	34.08	3.76	52.50	0.76	0.71	23.55	6.66	5.85	1.24	1.58	6.35	46.03	39.07	40.03	41.59	57.84	38.10	

Cable Mounting Receptacles

Table of Styles

Page No.

62GB-51T		 	29
62GB-11A		 	29
62GB-11E		 	30
62GB-11F		 	30
62GB-11J		 	31
62GB-11P		 	31

Cable Mounting Receptacles

51T



62GB-51T

Basic cable mounting receptacle with threaded shell to accept standard cable accessories.



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq	F ± 0.005 (± 0.13)	Y dia max	X Thread
08	0.978 24.84	0.094 2.39	0.817 20.75	0.415 10.54	0.473 12.03	7/16 - 28 UNEF
10	0.978 24.84	0.094 2.39	0.942 23.93	0.415 10.54	0.590 14.99	9/16 - 24 NEF
12	0.978 24.84	0.094 2.39	1.036 26.32	0.415 10.54	0.750 19.05	11 /16 - 24 NEF
14	0.978 24.84	0.094 2.39	1.130 28.70	0.415 10.54	0.875 22.23	13/16 - 20 UNEF
16	0.978 24.84	0.094 2.39	1.223 31.07	0.415 10.54	1.000 25.40	15/16 - 20 UNEF
18	0.978 24.84	0.094 2.39	1.317 33.45	0.415 10.54	1.125 28.58	1.1/16 -18 NEF
20	1.048 26.62	0.102 2.59	1.442 36.63	0.535 13.59	1.250 31.75	1 .3/16 -18 NEF
22	1.048 26.62	0.102 2.59	1.567 39.80	0.535 13.59	1.375 34.93	1.5/16 -18 NEF
24	1.048 26.62	0.102 2.59	1.692 42.98	0.560 / 0.574 14.23 / 14.58	1.500 38.10	1.7/16 -18 NEF

11A



62GB-11A

Cable mounting receptacle with general duty back shell. No grommet supplied.



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq	F ± 0.005 (± 0.13)	G dia max	Y Dia max	M Thread
08	1.624 41.25	0.094 2.39	0.817 20.75	0.415 10.54	0.561 14.25	0.473 12.03	1/2 - 28 UNEF
10	1.624 41.25	0.094 2.39	0.942 23.93	0.415 10.54	0.686 17.43	0.590 14.99	5/8 - 24 NEF
12	1.624 41.25	0.094 2.39	1.036 26.32	0.415 10.54	0.811 20.60	0.750 19.05	3/4 - 20 UNEF
14	1.624 41.25	0.094 2.39	1.130 28.70	0.415 10.54	0.936 23.78	0.875 22.23	7/8 - 20 UNEF
16	1.624 41.25	0.094 2.39	1.223 31.07	0.415 10.54	1.061 26.95	1.000 25.40	1 – 20 UNEF
18	1.624 41.25	0.094 2.39	1.317 33.45	0.415 10.54	1.186 30.13	1.125 28.58	1.3/16 – 18 NEF
20	1.687 42.85	0.104 / 0.100 2.64 / 2.55	1.442 36.63	0.535 13.59	1.311 33.30	1.250 31.75	1 3/16 -18 NEF
22	1.687 42.85	0.104 / 0.100 2.64 / 2.55	1.567 39.80	0.535 13.59	1.436 36.75	1.375 34.93	1.7/16 -18 NEF
24	1.730 43.94	0.104 / 0.100 2.64 / 2.55	1.692 42.98	0.569 / 0.574 14.45 / 14.58	1.561 39.65	1.500 38.10	1.7/16 -18 NEF

Cable Mounting Receptacles

11E



62GB-11E

MIL-C-26482 MS3111E

Cable mounting receptacle with grommet and grommet nut



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq	F ± 0.005 (± 0.13)	G dia max	Y dia max
08	1.281	0.094	0.817	0.415	0.561	0.473
	32.54	2.39	20.75	10.54	14.25	12.03
10	1.281	0.094	0.942	0.415	0.686	0.590
	32.54	2.39	23.93	10.54	17.43	14.99
12	1.281	0.094	1.036	0.415	0.811	0.750
	32.54	2.39	26.32	10.54	20.60	19.05
14	1.281	0.094	1.130	0.415	0.936	0.875
	32.54	2.39	28.70	10.54	23.78	22.23
16	1.281	0.094	1.223	0.415	1.061	1.000
	32.54	2.39	31.07	10.54	26.95	25.40
18	1.281	0.094	1.317	0.415	1.186	1.125
	32.54	2.39	33.45	10.54	30.13	28.58
20	1.383	0.102	1.442	0.535	1.311	1.250
	35.13	2.59	36.63	13.59	33.30	31.75
22	1.383	0.102	1.567	0.535	1.436	1.375
	35.13	2.59	39.80	13.59	36.75	34.93
24	1.383	0.102	1.692	0.569 / 0.574	1.561	1.500
	35.13	2.59	42.98	14.45 / 14.58	39.65	38.10

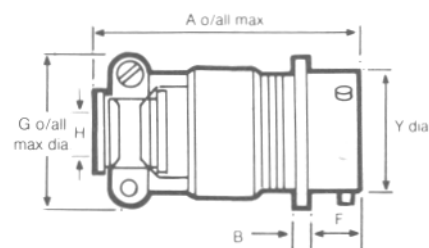
11F



62GB-11F

MIL-C-26482 MS3111F

Cable mounting receptacle with grommet and grommet nut fitted with integral strain relief clamp



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq	F ± 0.005 (± 0.13)	G dia max	H ± 0.005 (± 0.13)	Y dia max
08	1.762	0.094	0.817	0.415	0.828	0.156	0.473
	44.75	2.39	20.75	10.54	21.03	3.96	12.03
10	1.762	0.094	0.942	0.415	0.891	0.188	0.590
	44.75	2.39	23.93	10.54	22.63	4.78	14.99
12	1.762	0.094	1.036	0.415	1.016	0.312	0.750
	44.75	2.39	26.32	10.54	25.81	7.93	19.05
14	1.736	0.094	1.130	0.415	1.141	0.375	0.875
	44.10	2.39	28.70	10.54	28.97	9.53	22.23
16	1.876	0.094	1.223	0.415	1.203	0.500	1.000
	47.65	2.39	31.07	10.54	30.56	12.7	25.40
18	1.876	0.094	1.317	0.415	1.426	0.625	1.125
	47.65	2.39	33.45	10.54	36.22	15.88	28.58
20	2.118	0.104 / 0.100	1.442	0.535	1.426	0.625	1.250
	53.80	2.64 / 2.55	36.63	13.59	36.22	15.88	31.75
22	2.118	0.104 / 0.100	1.567	0.535	1.567	0.750	1.375
	53.80	2.64 / 2.55	39.80	13.59	39.80	19.05	34.93
24	2.250	0.104 / 0.100	1.692	0.569 / 0.574	1.735	0.800	1.500
	57.15	2.64 / 2.55	42.98	14.45 / 14.58	44.07	20.32	38.10

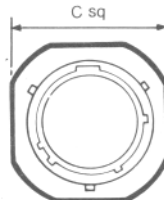
Cable Mounting Receptacles

11J



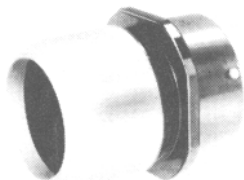
62GB-11J

With cable clamp for unscreened jacketed cable. No grommet supplied



Shell Size	A max	B ± 0.005 (± 0.13)	C max sq	F ± 0.005 (± 0.13)	G dia max	Y dia max	min closed	Z max free
08	1.846	0.094	0.817	0.415	0.561	0.473	0.168	0.230
	46.89	2.39	20.75	10.54	14.25	12.03	4.28	5.84
10	1.846	0.094	0.942	0.415	0.686	0.590	0.205	0.312
	46.89	2.39	23.93	10.54	17.43	14.99	5.21	7.93
12	1.947	0.094	1.036	0.415	0.811	0.750	0.338	0.442
	49.45	2.39	26.32	10.54	20.60	19.05	8.59	11.23
14	2.147	0.094	1.130	0.415	0.936	0.875	0.416	0.539
	54.54	2.39	28.70	10.54	23.78	22.23	10.57	13.69
16	2.347	0.094	1.223	0.415	1.061	1.000	0.550	0.616
	59.61	2.39	31.07	10.54	26.95	25.40	13.97	15.65
18	2.547	0.094	1.317	0.415	1.186	1.125	0.600	0.672
	64.70	2.39	33.45	10.54	30.13	28.58	15.24	17.07
20	2.831	0.102	1.442	0.535	1.311	1.250	0.635	0.747
	71.91	2.59	36.63	13.59	33.30	31.75	16.13	18.98
22	3.031	0.102	1.567	0.535	1.436	1.375	0.670	0.846
	76.99	2.59	39.80	13.59	36.75	34.93	17.02	21.49
24	3.074	0.102	1.692	0.569 / 0.574	1.561	1.500	0.740	0.894
	78.03	2.59	42.98	14.45 / 14.58	39.65	38.10	18.80	22.71

11P



**62GB-11P
MIL-C-26482 MS3111P**

For potted seal supplied complete with detachable potting mould and location ring

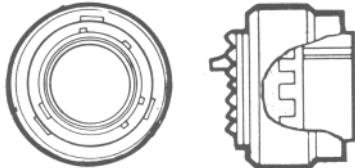
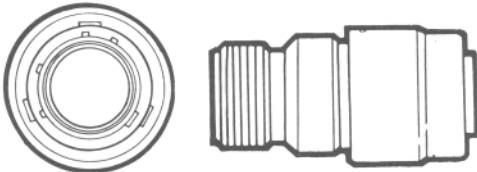
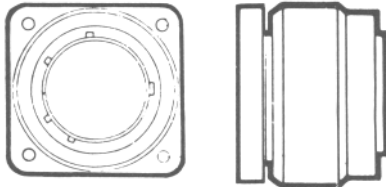
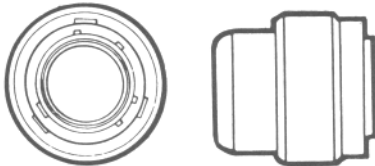
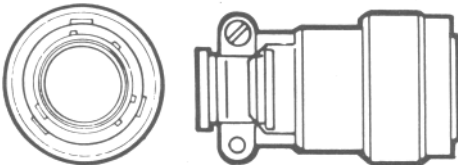
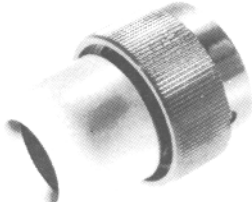


Shell Size	A max	B ± 0.005 (± 0.13)	C max sq	F ± 0.005 (± 0.13)	G dia max	Y dia max	Z min
08	1.316	0.094	0.817	0.415	0.572	0.473	0.260
	33.43	2.39	20.75	10.54	14.53	12.03	6.60
10	1.425	0.094	0.942	0.415	0.666	0.590	0.463
	36.20	2.39	23.93	10.54	16.92	14.99	11.76
12	1.394	0.094	1.036	0.415	0.822	0.750	0.557
	35.41	2.39	26.32	10.54	20.88	19.05	14.15
14	1.394	0.094	1.130	0.415	0.907	0.875	0.590
	35.41	2.39	28.70	10.54	23.04	22.23	14.99
16	1.394	0.094	1.223	0.415	1.040	1.000	0.713
	35.41	2.39	31.07	10.54	26.42	25.40	18.11
18	1.394	0.094	1.317	0.415	1.165	1.125	0.835
	35.41	2.39	33.45	10.54	29.59	28.58	22.21
20	1.612	0.102	1.442	0.535	1.285	1.250	1.015
	40.95	2.59	36.63	13.59	32.64	31.75	25.78
22	1.612	0.102	1.567	0.535	1.400	1.375	1.015
	40.95	2.59	39.80	13.59	35.56	34.93	25.78
24	1.674	0.102	1.692	0.569 / 0.574	1.540	1.500	1.265
	42.52	2.59	42.98	14.45 / 14.58	39.12	38.10	32.13

Plugs

Table of Styles

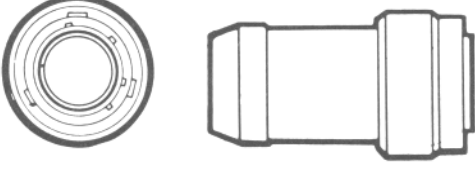
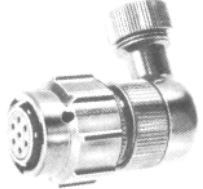
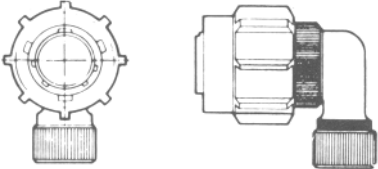
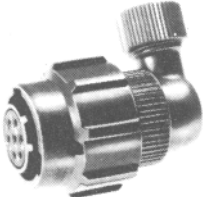
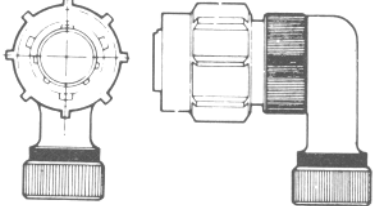
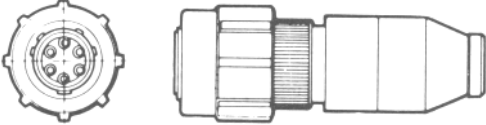
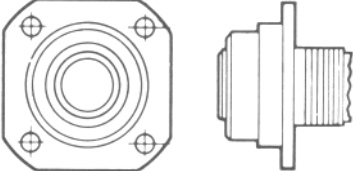
Page No.

62GB-56T			34
62GB-56TG			34
62GB-16A			35
62GB-56T (046)			35
62GB-16E			36
62GB-16F			36
62GB-16P			37

Plugs

Table of Styles

Page No.

62GB-16J			37
62GB-5039-10			38
62GB-5055-10			38
62GB-5056-10			38
62GB-5074			39

Plugs

56T



62GB-56T



Basic plug with threaded shell to accept standard cable accessories

Shell Size	A Max	C max	X Thread
08	0.976	0.750	7/16 - 28 UNEF
	24.79	19.05	
10	0.976	0.859	9/16 - 24 NEF
	24.79	21.82	
12	0.976	1.031	11/16 -24NEF
	24.79	26.19	
14	0.976	1.156	13/16 - 20 UNEF
	24.79	29.36	
16	0.976	1.281	15/16 - 20 UNEF
	24.79	32.54	
18	0.976	1.391	1.1 /16 - 18 NEF
	24.79	35.33	
20	&976	1.531	1.3/16 - 18 NEF
	24.79	38.89	
22	0.976	1.656	1.5/16 - 18 NEF
	24.79	42.06	
24	0.976	1.777	1.7/16 - 18 NEF
	24.79	45.14	

56TG



62GB-56TG



Basic plug with threaded shell to accept standard cable accessories. Has shell grounding spring fingers

Shell Size	A max	C max	X Thread
08	0.976	0.750	7/16 - 28 UNEF
	24.79	19.05	
10	0.976	0.859	9/16 - 24 NEF
	24.79	21.82	
12	0.976	1.031	11/16 – 24 NEF
	24.79	26.19	
14	0.976	1.156	13/16 – 20 UNEF
	24.79	29.36	
16	0.976	1.281	15/16 - 20 UNEF
	24.79	32.54	
18	0.976	1.391	1.1 /16 - 18 NEF
	24.79	35.33	
20	0.976	1.531	1.3/16 - 18 NEF
	24.79	38.89	
22	0.976	1.656	1.5/16 - 18 NEF
	24.79	42.06	
24	0.976	1.777	11/16 - 18 NEF
	24.79	45.14	

Plugs

16A



62GB-1 6A

Plug with general duty back shell.
No grommet provided.



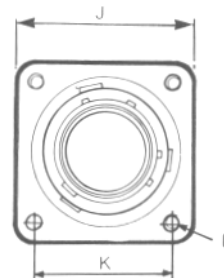
Shell Size	A max	C max	G max	M Thread
08	1.614	0.750	0.561	1/2 - 28 UNEF
	41.00	19.05	14.25	
10	1.614	0.859	0.686	5/8 - 24 NEF
	41.00	21.82	17.43	
12	1.614	1.031	0.811	3/4 - 20 UNEF
	41.00	26.19	20.60	
14	1.614	1.156	0.936	7/8 - 20 UNEF
	41.00	29.36	23.78	
16	1.614	1.281	1.061	1 - 20 UNEF
	41.00	32.54	26.95	
18	1.614	1.391	1.186	1.3/16 -18 NEF
	41.00	35.33	30.13	
20	1.614	1.531	1.311	1.3/16 - 18 NEF
	41.00	38.89	33.30	
22	1.614	1.656	1.436	1.7/16 - 18 NEF
	41.00	42.06	36.75	
24	1.658	1.777	1.561	1.7116 - 18 NEF
	42.11	45.14	39.65	

56T



62GB-56T(046)

Box-mounting plug. Available for shell size 16:
other sizes to special order. Cable accessories
cannot be fitted.



Shell Size	A max	J max	K	L
16	1.042	1.317	1.000	6.32 NC
	26.47	33.45	25.40	
20	1.042	1.625	1.250	6.32 NC
	26.47	41.28	31.75	
22	1.042	1.625	1.250	6.32 NC
	26.47	41.28	31.75	

Plugs

16E



62GB-16E
MIL - C26482 MS3116E




Plug with grommet and grommet nut

Shell Size	A max	C max	G max
08	1.281	0.750	0.561
	32.54	1.05	14.25
10	1.281	0.859	0.686
	32.54	21.82	17.431
12	1.281	1.031	0.811
	32.54	26.19	20.60
14	1.281	1.156	0.936 l
	32.54	29.36	23.78
16	1.281	1.281	1.061
	32.54	32.54	26.95
18	1.281	1.391	1.186
	32.54	35.33	30.13
20	1.281	1.531	1.311
	32.54	38.89	33.30
22	1.281	1.656	1.436
	32.54	42.06	36.75
24	1.281	1.777	1.561
	32.54	45.14	39.65

16F



62GB-16F
MIL - C26482 MS3116F

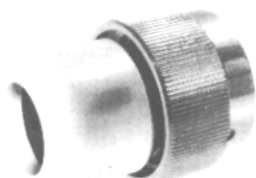



Plug with grommet and grommet nut fitted with integral strain relief clamp.

Shell Size	A max	C dia max	G dia max	H ± 0.005 (± 0.13)
08	1.752	0.750	0.828	0.156
	44.50	19.05	21.03	3.96
10	1.752	0.859	0.891	0.188
	44.50	21.82	22.63	4.78
12	1.752	1.031	1.016	0.312
	44.50	26.19	25.81	7.93
14	1.726	1.156	1.141	0.375
	43.84	29.36	28.97	9.53
16	1.866	1.281	1.203	0.500
	47.40	32.54	30.56	12.70
18	1.866	1.391	1.426	0.625
	47.40	35.33	36.22	15.88
20	2.040	1.531	1.426	0.625
	51.81	38.89	36.22	15.88
22	2.040	1.656	1.567	0.750
	51.81	42.06	39.80	19.05
24	2.178	1.777	1.735	0.800
	55.32	45.14	44.07	20.32

Plugs

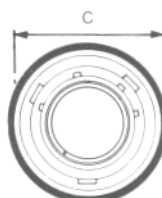
16P



62GB-16P

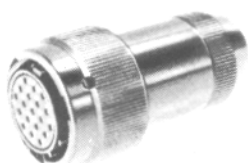
MIL-C26482 MS3116P

For potted seal. Supplied complete with detachable potting mould and location ring.



Shell Size	A max	C max	G max	Z min
08	1.306 33.17	0.750 19.05	0.572 14.53	0.260 6.60
10	1.415 35.94	0.859 21.82	0.666 16.92	0.463 11.76
12	1.384 35.15	1.031 26.19	0.822 20.88	0.557 14.14
14	1.384 35.15	1.156 29.36	0.907 23.04	0.590 14.99
16	1.384 35.15	1.281 32.54	1.040 26.41	0.713 18.11
18	1.384 35.15	1.391 35.33	1.165 29.59	0.835 22.21
20	1.539 39.09	1.531 38.89	1.285 32.64	1.015 25.78
22	1.539 39.09	1.656 42.06	1.400 35.56	1.015 25.78
24	1.602 40.69	1.777 45.14	1.540 39.12	1.265 32.13

16J



62GB - 16J

Plug with cable clamp for unscreened jacketed cable. No grommet supplied.



Shell Size	A max	C max	G max	Z min	Z max
08	1.836 46.64	0.750 19.05	0.561 14.25	0.168 4.28	0.230 5.84
10	1.836 46.64	0.859 21.82	0.686 17.43	0.205 5.21	0.312 7.93
12	1.937 49.20	1.031 26.19	0.811 20.60	0.388 8.59	0.442 11.23
14	2.137 54.28	1.156 29.36	0.936 23.78	0.416 10.57	0.539 13.69
16	2.337 59.36	1.281 32.54	1.061 26.95	0.550 13.97	0.616 15.65
18	2.537 64.45	1.391 35.33	1.186 30.13	0.600 15.24	0.672 17.07
20	2.758 70.05	1.531 38.89	1.311 33.30	0.635 16.13	0.747 18.98
22	2.958 75.13	1.656 42.06	1.436 36.75	0.670 17.02	0.846 21.49
24	3.002 76.25	1.777 45.14	1.561 39.65	0.740 18.80	0.894 22.71

Plugs

5039

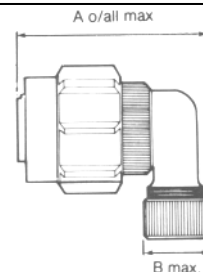
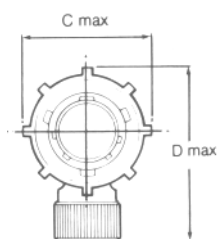


62GB-5039-10

SD/C 235 155 - X

SD/C 235 156 - X

Low profile, solder termination plug with 90° screened cable outlet.



Shell Size	A max	B max	C max	D max
10	1.473 37.41	0.500 12.70	0.980 24.89	1.500 38.10

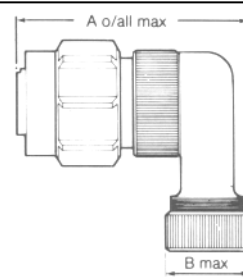
5055



62GB-5055-10

SD/2 235 193 - X

Low profile solder termination plug with size 12 90° screened cable outlet.



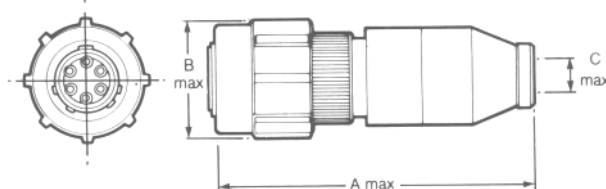
Shell Size	A max	B max	C max	D max
10	1.800 45.72	0.655 16.64	0.980 24.89	1.800 45.72

5056



62GB-5056-10

Audio plug with solder termination



Shell Size	A max	B max	C max
10	2.375 60.33	0.979 / 0.969 24.87 / 24.61	0.310 7.87

Plugs

5074



62GB-5074

Flange mounting push/pull plug with threaded shell to accept standard cable accessories.



Shell Size	A max	B max	C	L
10	0.912 23.17	1.125 28.57	0.866 22.00	9/16 - 24 NEF
12	0.912 23.17	1.218 30.93	0.969 24.61	9/16 - 24 NEF
14	0.912 23.17	1.312 33.32	1.062 26.97	9/16 - 24 NEF

Accessories

Table of Styles

Page No.

62GB-736			42
62GB-737			42
62GB-738			43
62GB-742			43
62GB-810			44
62GB-812			44
62GB-813			45

Accessories

Table of Styles

Page No.

62GB-814			45
62GB-997			46
62GB-998			46
62GB-1069			47
62GB-1070			47
62GB-760			48

Accessories

736



62GB-736



Caps and chains for single hole mounting receptacles

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J ± 0.005 (± 0.127)
08	3.0	0.521	0.734	0.578
	76.2	13.23	18.64	14.68
10	3.0	0.521	0.859	0.703
	76.2	13.23	21.82	17.86
12	3.5	0.521	1.000	0.891
	88.9	13.23	25.4	22.63
14	3.5	0.521	1.125	1.016
	88.9	13.23	28.57	25.81
16	3.5	0.521	1.250	1.141
	88.9	13.23	31.75	29.39
18	3.5	0.521	1.375	1.266
	88.9	13.23	34.92	32.16
20	4.0	0.521	1.500	1.391
	101.6	13.23	38.1	35.33
22	4.0	0.521	1.625	1.516
	101.6	13.23	41.27	38.51
24	4.0	0.556	1.750	1.641
	101.6	14.12	44.45	41.68

737



62GB-737



Caps and chains for cable mounting receptacles.

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J ± 0.005 (± 0.127)
08	3.0	0.521	0.734	0.458
	76.2	13.23	18.64	11.63
10	3.0	0.521	0.859	0.583
	76.2	13.23	21.82	14.81
12	3.5	0.521	1.000	0.708
	88.9	13.23	25.4	17.98
14	3.5	0.521	1.125	0.896
	88.9	13.23	28.57	22.76
16	3.5	0.521	1.250	1.021
	88.9	13.23	31.75	25.93
18	3.5	0.521	1.375	1.146
	88.9	13.23	34.92	29.11
20	4.0	0.521	1.500	1.271
	101.6	13.23	38.1	32.28
22	4.0	0.521	1.625	1.396
	101.6	13.23	41.27	35.46
24	4.0	0.556	1.750	1.521
	101.6	14.12	44.45	38.63

Accessories

738



62GB-738

Caps and chains for flange mounting receptacles.



Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J ± 0.005 (± 0.127)
08	3.0 76.2	0.521 13.23	0.734 18.64	0.125 3.18
10	3.0 76.2	0.521 13.23	0.859 21.82	0.125 3.18
12	3.5 88.9	0.521 13.23	1.000 25.4	0.125 3.18
14	3.5 88.9	0.521 13.23	1.125 28.57	0.125 3.18
16	3.5 88.9	0.521 13.23	1.250 31.75	0.125 3.18
18	3.5 88.9	0.521 13.23	1.375 34.92	0.125 3.18
20	4.0 101.6	0.521 13.23	1.500 38.1	0.125 3.18
22	4.0 101.6	0.521 13.23	1.625 41.27	0.125 3.18
24	4.0 101.6	0.556 14.12	1.750 44.45	0.152 3.86

742



62GB-742

Caps and chains for plugs.



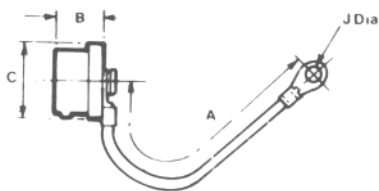
Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J ± 0.005 (± 0.127)
08	3.0 76.2	0.522 13.25	0.719 18.26	0.125 3.18
10	3.0 76.2	0.522 13.25	0.844 21.43	0.125 3.18
12	3.5 88.9	0.522 13.25	1.000 25.4	0.125 3.18
14	3.5 88.9	0.522 13.25	1.125 28.57	0.125 3.18
16	3.5 88.9	0.522 13.25	1.250 31.75	0.125 3.18
18	3.5 88.9	0.522 13.25	1.357 34.92	0.125 3.18
20	4.0 101.6	0.584 14.83	1.500 38.1	0.125 3.18
22	4.0 101.6	0.584 14.83	1.625 41.27	0.125 3.18
24	4.0 101.6	0.617 15.67	1.750 44.45	0.152 3.86

Accessories

810



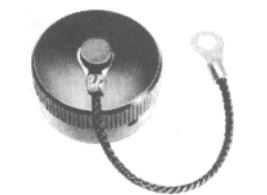
62GB-810



Caps and cords for plugs

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J ± 0.003 (± 0.08)
08	3.0	0.522	0.719	0.145
	76.2	13.25	18.26	3.68
10	3.0	0.522	0.844	3.685
	76.2	13.25	21.43	3.68
12	3.5	0.522	1.000	0.145
	88.9	13.25	25.4	3.68
14	3.5	0.522	1.125	0.145
	88.9	13.25	28.57	3.68
16	3.5	0.522	1.250	0.145
	88.9	13.25	31.75	3.68
18	3.5	0.522	1.375	0.145
	88.9	13.25	34.93	3.68
20	4.0	0.584	1.500	0.145
	101.6	14.83	38.1	3.68
22	4.0	0.584	1.625	0.145
	101.6	14.83	41.27	3.68
24	4.0	0.617	1.750	0.171
	101.6	15.67	44.45	4.34

812



62GB-812



Caps and cords for flange mounting receptacles.

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J ± 0.003 (± 0.08)
08	3.0	0.521	0.734	0.145
	76.2	13.23	18.64	3.68
10	3.0	0.521	0.859	0.145
	76.2	13.23	21.82	3.68
12	3.5	0.521	1.000	0.145
	88.9	13.23	25.4	3.68
14	3.5	0.521	1.125	0.145
	88.9	13.23	28.57	3.68
16	3.5	0.521	1.250	0.145
	88.9	13.23	31.75	3.68
18	3.5	0.521	1.375	0.145
	88.9	13.23	34.92	3.68
20	4.0	0.521	1.500	0.145
	101.6	13.23	38.1	3.68
22	4.0	0.521	1.625	0.145
	101.6	13.23	41.27	3.68
24	4.0	0.556	1.750	0.171
	101.6	14.12	44.45	4.34

Accessories

813



62GB-813



Caps and cords for single hole mounting receptacles.

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C max	J $+ 0.010$ ($+ 0.25$)
08	3.0	0.521	0.734	0.578
	76.2	13.23	18.64	14.68
10	3.0	0.521	0.859	0.703
	76.2	13.23	21.82	17.86
12	3.5	0.521	1.000	0.891
	88.9	13.23	25.4	22.63
14	3.5	0.521	1.125	1.016
	88.9	13.23	28.57	25.81
16	3.5	0.521	1.250	1.141
	88.9	13.23	31.75	29.39
18	3.5	0.521	1.375	1.266
	88.9	13.23	34.92	32.16
20	4.0	0.521	1.500	1.391
	101.0	13.23	38.1	35.33
22	4.0	0.521	1.625	1.516
	101.6	13.23	41.27	38.56
24	4.0	0.556	1.750	1.641
	101.6	14.12	44.45	41.68

814



62GB-814



Caps and cords for cable mounting receptacles.

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C max	J $+0.010$ ($+ 0.25$)
08	3.0	0.521	0.734	0.453
	76.2	13.23	18.64	11.50
10	3.0	0.521	0.859	0.578
	76.2	13.23	21.82	14.64
12	3.5	0.521	1.000	0.703
	88.9	13.23	25.4	17.85
14	3.5	0.521	1.125	0.891
	88.9	13.23	28.57	22.63
16	3.5	0.521	1.250	1.016
	88.9	13.23	31.75	25.80
18	3.5	0.521	1.375	1.141
	88.9	13.23	34.92	28.98
20	4.0	0.521	1.500	1.266
	101.6	13.23	38.1	32.15
22	4.0	0.521	1.625	1.391
	101.6	13.23	41.27	35.33
24	4.0	0.556	1.750	1.516
	101.6	14.12	44.45	38.50

Accessories

997



62GB-997



Caps and chains ribbed for single hole mounting receptacles.

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J $+ 0.010$ ($+ 0.25$)
08	3.0	0.521	0.892	0.578
	76.2	13.23	22.66	14.69
10	3.0	0.521	1.017	0.703
	76.2	13.23	26.84	17.86
12	3.5	0.521	1.142	0.891
	88.9	13.23	29.01	22.64
14	3.5	0.521	1.267	1.016
	88.9	13.23	32.19	25.81
16	3.5	0.521	1.454	1.141
	88.9	13.23	36.94	28.99
18	3.5	0.521	1.563	1.266
	88.9	13.23	39.70	32.16
20	4.0	0.521	1.687	1.391
	101.6	13.23	42.85	35.34
22	4.0	0.521	1.797	1.516
	101.6	13.23	45.65	38.51
24	4.0	0.556	1.922	1.641
	101.6	14.12	48.82	41.69

998



62GB-998



Caps and chains ribbed for plugs.

Shell Size	A ± 0.25 (± 6.35)	g max	C dia max	J ± 0.005 (± 0.13)
08	3.0	0.562	0.892	0.125
	76.2	14.28	22.66	3.18
10	3.0	0.562	1.017	0.125
	76.2	14.28	25.84	3.18
12	3.5	0.562	1.142	0.125
	88.9	14.28	29.01	3.18
14	3.5	0.562	1.267	0.125
	88.9	14.28	32.19	3.18
16	3.5	0.562	1.454	0.125
	88.9	14.28	36.94	3.18
18	3.5	0.562	1.563	0.125
	88.9	14.28	39.70	3.18
20	4.0	0.624	1.687	0.125
	101.6	15.85	42.85	3.18
22	4.0	0.624	1.797	0.125
	101.6	15.85	45.65	3.18
24	4.0	0.624	1.922	0.147
	101.6	15.85	48.82	3.74

Accessories

1069



62GB-1069



Caps and cords ribbed for single hole mounting receptacles.

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C dia max	J $+ 0.010$ ($+ 0.25$)
08	3.0 76.2 8.0	0.521 13.23 0.521	0.892 22.66 1.017	0.578 14.69 0.703
10	76.2 3.5	13.23 0.521	26.84 1.142	17.86 0.891
12	88.9 3.5	13.23 0.521	29.01 1.267	22.64 1.016
14	88.9 3.5	13.23 0.521	32.19 1.454	25.81 1.141
16	88.9 3.5	13.23 0.521	36.94 1.563	28.99 1.266
18	88.9 4.0	13.23 0.521	39.70 1.687	32.16 1.391
20	101.6 4.0	13.23 0.521	42.85 1.797	35.34 1.516
22	101.6 4.0	13.23 0.556	45.65 1.922	38.51 1.641
24	101.6	14.12	48.82	41.686

1070



62GB-1070



Caps and cords ribbed for flange mounting receptacles.

Shell Size	A ± 0.25 (± 6.35)	B ± 0.005 (± 0.13)	C Dia max	J ± 0.005 (± 0.13)
08	3.0 76.2 3.0	0.521 13.23 0.521	0.892 22.66 1.017	0.117 3.03 0.119
10	76.2 3.5	13.23 0.521	22.66 1.142	3.03 0.119
12	88.9 3.5	13.23 0.521	29.01 1.267	3.03 0.119
14	88.9 3.5	13.23 0.521	32.19 1.454	3.03 0.119
16	88.9 3.5	13.23 0.521	36.94 1.563	3.03 0.119
18	88.9 4.0	13.23 0.521	39.70 1.687	3.03 0.119
20	101.6 4.0	13.23 0.521	42.85 1.797	3.03 0.119
22	101.6 4.0	13.23 0.556	45.65 1.922	3.03 0.147
24	101.6	14.12	48.82	3.74

Accessories

760



62GB-760



Flange mounting gasket for box mounting and hermetic receptacles.

Shell Size	0 ± 0.010 (± 0.254)	E ± 0.010 (± 0.254)	F ± 0.008 (± 0.20)	G + 0.010 (+ 0.254)	H
08	0.812 20.62	0.594 15.08	0.508 12.90	0.130 3.30	0.042 / 0.016 1.06 / 0.40
10	0.938 23.82	0.719 18.26	0.633 16.07	0.130 3.30	0.042 / 0.016 1.06 / 0.40
12	1.031 26.18	0.813 20.65	0.758 19.25	0.130 3.30	0.042 / 0.016 1.06 / 0.40
14	1.125 28.57	0.906 23.01	0.883 22.42	0.130 3.30	0.042 / 0.016 1.06 / 0.40
16	1.219 30.96	0.969 24.61	1.008 25.60	0.130 3.30	0.042 / 0.016 1.06 / 0.40
18	1.312 33.32	1.063 27.00	1.133 28.77	0.130 3.30	0.042 / 0.016 1.06 / 0.40
20	1.438 36.52	1.156 29.36	1.258 31.95	0.130 3.30	0.042 / 0.016 1.06 / 0.40
22	1.563 39.70	1.250 31.75	1.383 35.13	0.130 3.30	0.042 / 0.016 1.06 / 0.40
24	1.688 42.87	1.375 34.92	1.508 38.30	0.156 3.96	0.042 / 0.016 1.06 / 0.40

Cable Accessories

Table of Styles

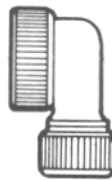
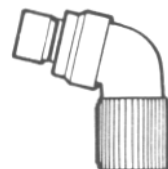
Page No.

62GB-584			51
62GB-585			51
62GB-586			52
62GB-587			52
62GB-711			53
62GB-720			53
62GB-776			54

Cable Accessories

Table of Styles

Page No.

62GB-1225			54
62GB-5028			55

Cable Accessories

584



62GB - 584 - XX - XXS or P



Grommet seal and nut. Provides an environmental seal for the exposed solder buckets in the open back class T shells.

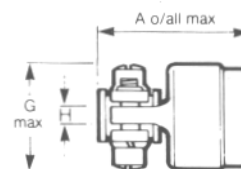
Suffix XX - XXS or P enables grommet to be matched to the insert arrangement.

Shell Size	A	G max
08	0.545	0.561
	13.84	14.25
10	0.545	0.686
	13.84	17.43
12	0.545	0.811
	13.84	20.60
14	0.545	0.936
	13.84	23.78
16	0.545	1.061
	13.84	26.95
18	0.545	1.186
	13.84	30.13
20	0.545	1.311
	13.84	33.30
22	0.545	1.436
	13.84	36.75
24	0.501	1.561
	12.73	39.65

585



**62G B - 585 - XX - XXS or P
A2103**



Grommet and nut with strain relief clamp. The clamp prevents the flexing of the wires in the immediate vicinity of the risers, so avoiding the risk of leaks.

Suffix XX - XXS or P enables grommet to be matched to the insert arrangement.

Shell Size	A max	G max	max
08	0.991	0.828	0.161
	25.17	21.03	4.09
10	0.991	0.891	0.193
	25.17	22.63	4.90
12	0.991	1.016	0.317
	25.17	25.81	8.05
14	0.965	1.141	0.380
	24.51	28.98	9.65
16	1.105	1.203	0.505
	28.07	30.56	12.83
18	1.105	1.426	0.630
	28.07	36.22	16.00
20	1.285	1.426	0.630
	32.64	36.22	16.00
22	1.285	1.567	0.755
	32.64	39.80	19.18
24	1.373	1.735	0.805
	34.88	44.07	20.45

Cable Accessories

586



62G B - 586 - XX

Potting mould and ring,
supplied together as a set.



Suffix XX specifies shell size.

Shell Size	A max	G max	Z min
08	0.644 16.36	0.585 14.85	0.260 6.60
10	0.753 19.13	0.679 17.24	0.463 11.76
12	0.722 18.34	0.835 21.20	0.557 14.14
14	0.722 18.34	0.913 23.19	0.590 14.98
16	0.722 18.34	1.038 26.36	0.713 18.11
18	0.722 18.34	1.163 29.54	0.835 21.20
20	0.877 22.30	1.288 32.71	1.015 25.78
22	0.877 22.30	1.413 35.89	1.015 25.78
24	0.896 22.76	1.538 39.06	1.263 32.08

587



62G B - 587 - XX - XXS or P

Clamp for screened jacketed cable. 62 Series only with grommet. Effective sealing is provided over the range of cables covered by DEF 10(Pattern C) and DEF STAN 61-12 port (see table). These are supplied to separate order only for use with style T shells.



Suffix XX-XXS or P enables grommet to be matched to the insert arrangement.

Shell Size	length Including plug	A Max	length Including receptacle	B max	G max
08	2.732 69.39		2.742 69.64	0.676 17.17	0.775 19.68
10	2.742 69.64		2.752 69.90	0.676 17.17	0.902 22.91
12	3.152 80.06		3.162 80.31	0.812 20.62	1.030 26.16
14	3.152 80.06		3.162 80.31	0.926 23.52	1.157 29.39
16	3.272 83.10		3.282 83.36	1.051 26.67	1.284 32.61
18	-		-	-	-
20	3.272 83.10		3.345 84.96	1.280 32.51	1.539 39.09
22	-		-	-	-
24	3.696 93.87		3.768 95.70	1.620 41.15	1.783 45.29

Cable Accessories

711



62G B - 711 - XX - XXS or P

Grommet and nut with right angled strain relief clamp. The clamp prevents flexing of the wires in the immediate vicinity of the risers, so avoiding the risk of leaks (these are supplied to separate order only for use with style T shells).

Suffix XX - XXS or P enables grommet to be matched to the insert arrangement.



Shell Size	A max	G max	H ± 0.005 ± 0.13	Q max
08	1.5/32	0.828 21.03	0.161 4.09	0.733 18.62
10	1.3/16	0.891 22.63	0.193 4.90	0.795 20.19
12	1.7/32	1.016 25.81	0.317 8.05	0.858 21.79
14	1.1/4	1.141 28.98	0.380 9.65	0.915 23.24
16	1.5/16	1.203 30.56	0.505 12.83	1.010 25.65
18	1.3/8	1.426 36.22	0.630 16.00	1.070 27.18
20	1.3/8	1.426 36.22	0.630 16.00	1.140 28.96
22	1.29/64	1.567 39.80	0.755 19.18	1.170 29.72
24	1.15/32	1.735 44.07	0.805 20.45	1.260 32.00

720



62G B - 720 - XX

Clamp for unscreened jacketed cable. No grommet is supplied, for use with 50T, 51T and 56T styles.

Suffix XX specifies shell size.



Shell Size	A max	G max	Z closed	Z free
08	1.085 27.56	0.561 14.25	0.168 4.28	0.230 5.84
10	1.060 26.92	0.686 17.43	0.205 5.21	0.312 7.93
12	1.160 29.46	0.811 20.60	0.338 8.59	0.442 11.23
14	1.360 34.54	0.936 23.78	0.416 10.57	0.539 13.69
16	1.585 40.26	1.061 26.95	0.550 13.97	0.616 15.65
18	1.785 45.34	1.186 30.13	0.600 15.24	0.672 17.57
20	1.981 50.32	1.311 33.30	0.635 16.13	0.747 18.98
22	2.181 55.39	1.436 36.75	0.670 17.02	0.846 21.49
24	2.216 56.28	1.561 39.65	0.740 18.80	0.894 22.71

Cable Accessories

776



62GB - 776



General duty shell to accept conduit, AN 3057 or MS 3057 A cable clamps and heat shrink sleeves.

Shell Size	A max	M Thread
08	0.937 23.80	1/2 - 28 UNEF
10	0.937 23.80	5/8 - 24 NEF
12	0.937 23.80	3/4 - 20 UNEF
14	0.937 23.80	7/8 - 20 UNEF
16	0.937 23.80	1 - 20 UNEF
18	0.937 23.80	1.3/16 - 18 NEF
20	0.937 23.80	1.3/16 - 18 NEF
22	0.937 23.80	1.7/16 - 18 NEF
24	0.937 23.80	1.7/16 - 18 NEF

1225



62GB - 1225



900 clamp for screened jacketed cable. These are supplied to separate order only for use with style T shells.

Shell Size	A max	B max	C max	D max
08	0.942 23.93	0.821 20.85	1.160 29.46	0.636 16.15
10	0.883 22.43	0.821 20.85	1.160 29.46	0.636 16.15
12	0.704 17.88	0.821 20.85	1.160 29.46	0.636 16.15
14	1.119 28.42	0.937 23.80	1.160 29.46	0.636 16.15

Cable Accessories

5028



62G B - 5028 - XX - XXS or P

75% Clamp for screened jacketed cable with grommet. Effective sealing is provided over the range of cables covered by DEF 10 (Pattern C) and DEF STAN 61 - 12 part 5 (see table). These are supplied to separate order only and are intended for use with style T shells.

Suffix XX-XXS or P enables grommet to be matched to the insert arrangement.



Shell Size	length including receptacle	A Max	length including plug	B max	G max	max
08	2.416		2.375	0.676	0.775	1.750
	61.37		60.24	17.17	19.68	44.45
10	2.573		2.532	0.676	0.902	1.875
	65.35		64.39	17.17	22.91	47.63
12	2.666		2.625	0.812	1.030	2.125
	67.72		66.68	20.62	26.16	53.98
14	2.760		2.719	0.926	1.157	2.125
	70.10		69.04	23.52	29.39	53.98
16	2.790		2.750	1.051	1.284	2.062
	70.87		69.80	26.70	32.61	52.38
18	-		-	-	-	-
20	3.312		3.250	1.280	1.539	2.062
	84.13		82.55	32.51	39.09	52.38
22	-		-	-	-	-
24	3.500		3.375	1.620	1.783	2.187
	88.90		85.73	41.15	45.29	55.55

Insert Orientations



Normal position
with pin contacts



Alternative position of insert
with socket contacts
($\varnothing$ counter clockwise)



Alternate position of insert
with pin contacts
($\varnothing$ clockwise)

Each diagram shows mating face of insert.

Insert Arrangement	Normal	Orientation $\varnothing$ (degrees)			Z
		W	X	Y	
8-2	0	58	122	-	-
8-3	0	60	210	-	-
8-33	0	90	-	-	-
8-4	0	45	-	-	-
8-98	0	-	-	-	-
10-2	0	-	-	-	-
10-6	0	90	-	-	-
10-7	0	-	-	-	-
12-3	0	-	-	180	-
12-10	0	60	155	270	295
14-5	0	40	92	184	273
14-12	0	43	90	-	-
14-15	0	17	110	155	234
14-19	0	30	165	315	-
16-18	0	54	152	180	331
16-23	0	158	270	-	-
16-26	0	60	-	275	338
18-11	0	62	119	241	340
18-32	0	85	138	222	265
20-16	0	238	318	333	347
20-41	0	45	126	225	-
22-21	0	16	135	175	349
22-55	0	30	142	226	314
24-61	0	90	180	270	324

Key/Keyway Orientations



Datum is always taken from major key or keyway. In receptacles the major keyway always remains fixed in relation to the mounting flange. For the A',B,C,D',E and F orientations, the three bayonet locations and associated minor keyways are rotated complete, in accordance with the table below.

N.B.- The accompanying diagram shows a receptacle shell, with keyways. Corresponding key orientations for a mating plug shell are therefore always clockwise.

Shell Size	Values for α (degrees)							Values for θ (degrees)							Values for β (degrees)						
	N	A	B	C	D	E	F	N	A	B	C	D	E	F	N	A	B	C	D	E	F
8	105	92	-	-	118	118	82	35	35	-	-	35	30	50	75	75'	-	-	75	100	75
10	105	95	85	125	115	115	85	35	35	35	35	35	30	50	75	75	75	75	75	100	75
12	105	97	89	121	113	115	85	35	35	35	35	35	30	50	75	75	75	75	75	100	75
14	105	98	91	119	112	75	120	35	35	35	35	35	30	50	75	75	75	75	75	100	75
16	105	99	93	117	111	75	120	35	35	35	35	35	30	50	75	75	75	75	75	100	75
18	105	100	95	115	110	75	120	35	35	35	35	35	30	50	75	75	75	75	75	100	75
20	105	100	95	115	110	75	120	35	35	35	35	35	30	50	75	75	75	75	75	100	75
22	105	101	97	113	109	7S	120	35	35	35	35	35	30	50	75	75	75	100	75	75	75
24	105	101	97	113	109	75	120	35	35	35	35	35	30	50	75	75	75	75	75	100	75

Shell Size	Values for ϕ (degrees) Orientation							Values for ω (degrees) Orientation						
	N	A	B	C	D	E	F	N	A	B	C	D	E	F
8	50	50	50	50	50	30	45	60	47	-	-	73	73	47
10	50	50	50	50	50	30	45	60	50	40	80	70	70	50
12	50	50	50	50	50	30	45	60	52	44	76	68	70	50
14	50	50	50	50	50	30	35	60	53	46	74	67	30	75
16	50	50	50	50	50	30	35	60	54	48	72	66	30	75
18	50	50	50	50	50	30	35	60	55	50	70	65	30	75
20	50	50	50	50	50	30	35	60	55	50	70	65	30	75
22	50	50	50	50	50	30	35	60	56	52	68	64	30	75
24	50	50	50	50	50	30	35	60	56	52	68	64	30	75

Assembly Instructions

for Amphenol straight S.J. clamps 62GB-587 for internally and externally screened and unscreened cables to DEF 10 and DEF STAN 61-12 Part 5.

Internally Screened Jacketed Cable 'Type C'

Cable and Wire Stripping

Strip the outer P.V.C. Jacket of the cable back to dim 'A' to expose the internal braid. Trim the braid back to within 19.05mm (0.75 in) of P.V.C. jacket and fold back 'B'.

Size	A Dimension	
	mm	in
08	34.93	1.375
10	36.51	1.437
12 8 14	41.27	1.625
16 & 20	44.45	1.75
24	49.21	1.937

Strip 5.3mm (0.210 in) to 6.1 mm (0.240 in) of insulation from each wire to expose centre conductor. Tin the ends. If ends fray twist them back to their original lay before tinning.



Initial Assembly

Slide onto the cable the following items in this order (1) Nut (2) Washer (3) Gasket (4) Braid Clamp and (5) Clamp Body (6) Grommet.



Solder Connection to Contacts

Insert the individual wires into the appropriate grommet holes. At the same time, slide the grommet back as far as possible until the tinned ends of the centre conductors are far enough out of the grommet to permit soldering to the contacts. Insert the tinned ends of wires into the appropriate contacts in 62 series connector and solder into place. Slide the grommet forward over the wired contacts and press firmly into rear of connector shell and against rear face of insert.



Assembly Instructions

Externally Screened Jacketed Cable Types 'B' & 'Q'

Cable and Wire Stripping

Strip the outer braid and internal P.V.C. jacket of the cable back to dim 'A'

Size	A Dimension	
	mm	in
08	33.32	1.312
10	34.93	1.375
12 & 14	39.7	1.563
16 & 20	42.85	1.687
24	47.63	1.875



Strip 5.3mm (0.210 in) to 6.1 mm (0.240 in) of insulation from each wire to expose centre conductor. Tin the ends. If ends fray twist them back to their original lay before tinning.



Initial Assembly

Slide onto the cable the following items in this order (1) Nut (2) Washer (3) Male Braid Clamp Convolute Screen (See B) as far as possible, and slide on items (4) Female Braid Clamp (5) Gasket and (6) Clamp Body (7) Grommet



Solder Connection to Contacts

Insert the individual wires into the appropriate grommet holes. At the same time, slide the grommet back as far as possible, until the tinned ends of the centre conductors are far enough out of the grommet to permit soldering to the contacts. Insert the tinned ends of wires into the appropriate contacts in 62 series connector and solder into place. Slide the grommet forward over the wired contacts and press firmly into the rear of connector shell and against rear face of insert.



Unscreened Jacketed Cables Type 'A'

All procedures concerning this type of cable to be as for internally screened jacketed cable, but all references to screen (Braid) to be disregarded.

Assembly Instructions

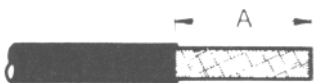
for Amphenol angled S.J. clamps 62GB-5028 for internally and externally screened and unscreened cables to DEF 10 and DEF STAN 61-12 Part 5.

Internally Screened Jacketed Cable Type 'C'

Cable and Wire Stripping

Strip the outer P.V.C. jacket of the cable back to dim 'A' to expose the internal braid. Trim the braid back to within 19.05mm (0.75 in) of P.V.C. jacket and fold back 'B'.

Size	A Dimension	
	mm	in
08	58.15	2.89
10,12,14	66.68	2.625
16	69.85	2.75
20	88.9	3.50
24	95.25	3.75



Strip 5.3mm (0.210 in) to 6.1 mm (0.240 in) of insulation from each wire to expose centre conductor. Tin the ends. If ends fray, twist them back to their original lay before tinning.

Initial Assembly

Slide onto the cable the following items in this order (1) Nut (2) Washer (3) Gasket (4) Braid Clamp (5) 75o Angled Body (6) Grommet.



Solder Connection to Contacts

Insert the individual wires into the appropriate grommet holes. At the same time, slide the grommet back as far as possible, until the tinned ends of the centre conductors are far enough out of the grommet to permit soldering to the contacts. Insert the tinned ends of wires into the appropriate contacts in 62 series connector and solder into place. Slide the grommet forward over the wired contacts and press firmly into the rear of the connector shell and against rear face of insert.



Assembly Instructions

Externally Screened Jacketed Cables Type `B' & `Q'

Cable and Wire Stripping

Strip the outer braid and internal P.V.C. jacket of the cable back to dim `A'.

Size	A Dimension	
	mm	in
08	58.15	2.89
10,12,14	66.68	2.625
16	69.85	2.75
20	88.9	3.50
24	95.25	3.75



Strip 5.3mm (0.210 in) to 6.1 mm (0.240 in) of insulation from each wire to expose centre conductor Tin the ends. If ends fray, twist them back to their original lay before tinning.

Initial Assembly

Slide onto the cable the following items in this order:(1) Nut (2) Washer (3) Male Braid Clamp - Convolute Screen (See B) as far as possible and slide on items:(4) Female Braid Clamp (5) Gasket (6) 75o Right Angled Body (7) Grommet.



Solder Connection to Contacts

Insert the individual wires into the appropriate grommet holes. At the same time, slide the grommet back as far as possible, until the tinned ends of the centre conductors are far enough out of the grommet to permit soldering to the contacts. Insert the tinned ends of wires into the appropriate contacts in 62 series connector and solder into place. Slide the grommet forward over the wired contacts and press firmly into the rear of connector shell and against rear face of insert.



Unscreened Jacketed Cables Type `A'

All procedures concerning this type of cable to be as for internally screened jacketed cable, but all references to screen (Braid) to be disregarded.

Assembly Instructions

Wire Stripping

Strip 5.3mm (0.210 in) to 6.1 mm (.240 in) of insulation from end of wires to expose centre conductor and tin the ends. If ends fray, twist them back to their original lay before tinning.

Wire Accommodation

Contact Size	Colour Code	Wire Seal and Conductor			
		Wire Insulation		Conductor	
		min. ins	dia. (mm)	max. ins	dia. (mm)
20	Red	0.047	(1.19)	0.085	(2.16)
16	Blue	0.066	(1.68)	0.109	(2.77)
		0.042	(1.07)	0.062	(1.57)

Recommended Tightening Torques

Single Hole	Shell Size	8	10	12	14	16	18	20	22	24
Fixing	Nm	3.73	4.07	6.78	7.34	8.25	9.26	11.98	13.90	15.03
Receptacles	lbf. ins.	33	36	60	65	73	82	106	123	133
Accessories	Nm	3.39-3.96	3.96-4.52	4.52-5.09	5.09-5.65	5.65-6.78	6.78-7.91	8.48-9.04	9.61-10.17	10.74-11.3
	lbf. ins.	30-35	35-40	40-45	45-50	55-60	65-70	75-80	85-90	95-100

Notice: Products are sold subject to Amphenol's Standard Conditions of Sale. All specifications and statements contained herein are believed to be correct at the time of printing but no representation or warranty, express or implied, is given as to any specification or statement contained herein. Product specifications including performance characteristics are typical only and subject to deviation. Specifications are also subject to change without notice. Users should not assume that all safety measures are indicated or that other measures may not be required. No representation or warranty, express or implied, is given that any use of products (including any stated or suggested use) does not infringe any patent, registered design or other third party rights and no stated or suggested use of products can be taken to recommend any such infringement.

Amphenol

Thanet Way,
Whitstable,
Kent, CT5 3JF
Tel: 01227 773200
Fax: 01227 276571
info@amphenol.co.uk
www.amphenol.co.uk
