

TABLE I										REVISIONS										
DASH NO	CONNECTOR SHELL SIZE REF	A		B		C		D		E		F	G	H	K	L		M	N	SEE SHEET 1
		+ .031/- .016 DIM		MIN CABLE CLEARANCE		MAX DIM		+ .000/- .020 DIA		MAX CLOSED DIM		+ .020/- .000 DIA		+ .000/- .020 DIA		MAX DIM		MIN DIM		

3C	8S, 10S	.188 (4.8)	.188 (4.8)	.239 (6.1)	.812 (20.6)	.812 (20.6)	.812 (20.6)	.389 (9.9)	.231 (5.9)	.125 (3.2)	.441 (11.2)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.254 (6.5)
4C	10SL 12, 12S	.188 (4.8)	.188 (4.8)	.317 (8.1)	.937 (23.8)	.937 (23.8)	.937 (23.8)	.510 (13.0)	.315 (8.0)	.125 (3.2)	.560 (14.2)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.254 (6.5)
6C	14, 14S	.188 (4.8)	.188 (4.8)	.443 (11.3)	1.062 (27.0)	.827 (21.0)	.827 (21.0)	.627 (15.9)	.440 (11.2)	.125 (3.2)	.676 (17.2)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.254 (6.5)
8C	16, 16S	.188 (4.8)	.188 (4.8)	.551 (14.0)	1.188 (30.2)	.744 (18.9)	.744 (18.9)	.434 (11.0)	.515 (13.1)	.125 (3.2)	.800 (20.3)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.156 (4.0)	.473 (12.0)	.254 (6.5)	.473 (12.0)	.254 (6.5)
10C	18	.188 (4.8)	.188 (4.8)	.630 (16.0)	1.312 (33.3)	.870 (22.1)	.870 (22.1)	.434 (11.0)	.614 (15.6)	.125 (3.2)	.926 (23.5)	1.437 (36.5)	.156 (4.0)	.537 (13.6)	.281 (7.1)	.537 (13.6)	.156 (4.0)	.537 (13.6)	.281 (7.1)	.537 (13.6)	.281 (7.1)
12C	20, 22	.250 (6.4)	.250 (6.4)	.771 (19.6)	1.562 (39.7)	1.037 (26.3)	1.037 (26.3)	.596 (15.1)	.738 (18.7)	.156 (4.0)	1.107 (28.1)	1.437 (36.5)	.156 (4.0)	.625 (15.9)	.320 (8.1)	.625 (15.9)	.156 (4.0)	.625 (15.9)	.320 (8.1)	.625 (15.9)	.320 (8.1)
16C	24, 28	.250 (6.4)	.250 (6.4)	.959 (24.4)	1.750 (44.5)	1.286 (32.7)	1.286 (32.7)	.596 (15.1)	.926 (23.5)	.156 (4.0)	1.357 (34.5)	1.562 (39.7)	.156 (4.0)	.662 (16.8)	.344 (8.7)	.662 (16.8)	.156 (4.0)	.662 (16.8)	.344 (8.7)	.662 (16.8)	.344 (8.7)
20C	32	.312 (7.9)	.312 (7.9)	1.271 (32.3)	2.250 (57.2)	1.590 (40.4)	1.590 (40.4)	.858 (21.8)	1.200 (30.5)	.156 (4.0)	1.670 (42.4)	1.812 (46.0)	.156 (4.0)	.940 (23.9)	.406 (10.3)	.940 (23.9)	.156 (4.0)	.940 (23.9)	.406 (10.3)	.940 (23.9)	.406 (10.3)
24C	36	.312 (7.9)	.312 (7.9)	1.396 (35.5)	2.375 (60.3)	1.844 (46.8)	1.844 (46.8)	.858 (21.8)	1.363 (34.6)	.188 (4.8)	1.920 (48.8)	2.062 (52.4)	.188 (4.8)	.940 (23.9)	.406 (10.3)	.940 (23.9)	.188 (4.8)	.940 (23.9)	.406 (10.3)	.940 (23.9)	.406 (10.3)
28C	40	.312 (7.9)	.312 (7.9)	1.646 (41.8)	2.625 (66.7)	2.083 (52.9)	2.083 (52.9)	1.107 (28.1)	1.611 (40.9)	.188 (4.8)	2.162 (54.9)	2.062 (52.4)	.188 (4.8)	.940 (23.9)	.406 (10.3)	.940 (23.9)	.188 (4.8)	.940 (23.9)	.406 (10.3)	.940 (23.9)	.406 (10.3)
32C	44	.375 (9.5)	.375 (9.5)	1.896 (48.2)	2.812 (71.4)	2.332 (59.2)	2.332 (59.2)	1.421 (36.1)	1.865 (47.4)	.188 (4.8)	2.412 (61.3)	2.188 (55.6)	.188 (4.8)	1.047 (26.6)	.500 (12.7)	1.047 (26.6)	.188 (4.8)	1.047 (26.6)	.500 (12.7)	1.047 (26.6)	.500 (12.7)

TABLE I, CONTINUED

DASH NO	P	MIN DEG	R	T	U	V	W	X	Y	Z	DIA	REF	MAX CABLE ENTRY
3C	20°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-8	230	.500-28 UNF	.469 (11.9)	.219 (5.6)	.031 (0.8)	.312 (7.9)	.094 (2.4)	.312 (7.9)
4C	20°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-10	231	.525-24 UNEF	.594 (15.1)	.312 (7.9)	.094 (2.4)	.438 (11.1)	.250 (6.4)	.438 (11.1)
6C	30°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-10	231	.750-20 UNEF	.594 (15.1)	.438 (11.1)	.250 (6.4)	.531 (13.5)	.312 (7.9)	.531 (13.5)
8C	30°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-12	232	.875-20 UNEF	.719 (18.3)	.531 (13.5)	.312 (7.9)	.625 (15.9)	.375 (9.5)	.625 (15.9)
10C	30°	.531 (13.5)	.672 (17.1)	.138-32 UNC	6-12	232	1.000-20 UNEF	.719 (18.3)	.625 (15.9)	.375 (9.5)	.750 (19.1)	.500 (12.7)	.750 (19.1)
12C	30°	.531 (13.5)	.719 (18.3)	.164-32 UNC	8-14	248	1.188-18 UNEF	.844 (21.4)	.750 (19.1)	.500 (12.7)	.938 (23.8)	.594 (15.1)	.938 (23.8)
16C	30°	.531 (13.5)	.719 (18.3)	.164-32 UNC	8-18	N/A	1.438-18 UNEF	1.062 (27.0)	.938 (23.8)	.594 (15.1)	1.250 (31.8)	.938 (23.8)	1.250 (31.8)
20C	35°	.562 (14.3)	.797 (20.2)	.250-20 UNC	416-22	284	1.750-18 UNS	1.187 (30.1)	1.250 (31.8)	.938 (23.8)	1.375 (34.9)	.969 (24.6)	1.375 (34.9)
24C	35°	.781 (19.8)	1.016 (25.8)	.250-20 UNC	416-22	N/A	2.000-18 UNS	1.312 (33.3)	1.375 (34.9)	.969 (24.6)	1.625 (41.3)	1.138 (28.9)	1.625 (41.3)
28C	35°	.781 (19.8)	1.016 (25.8)	.250-20 UNC	416-22	N/A	2.250-16 UN	1.312 (33.3)	1.625 (41.3)	1.138 (28.9)	1.875 (47.6)	1.375 (34.9)	1.875 (47.6)
32C	35°	.781 (19.8)	1.172 (29.8)	.250-20 UNC	416-22	N/A	2.500-16 UN	1.312 (33.3)	1.875 (47.6)	1.375 (34.9)	2.188 (55.6)	1.375 (34.9)	2.188 (55.6)

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURERS NAME & P/N, SPACE PERMITTING.

2. GLENAIR 600 SERIES BACKSHELL ASSEMBLY TOOLS ARE RECOMMENDED FOR ASSEMBLY AND INSTALLATION.

3. WHEN THE RETAINING RING IS NOT USED, THE DIMENSIONS LISTED IN COLUMN "H" SHALL BE THE MINIMUM OUTER DIAMETER OF THE GLAND FOR THE ASSOCIATED DASH NUMBER.

4. OPTIONAL RETAINING RING SHALL BE BONDED TO GLAND.

5. LUBRICANT, VV-P-236, MAY BE APPLIED TO THREADS AND SURFACES OF SLEEVE IF REQUIRED.

6. FOR SIZES -3 THRU -10, SERRATIONS SHALL BE COVERED WITH RUBBER. LARGER SIZES MAY BE COVERED WITH RUBBER. DEPTH OF RUBBER SHALL NOT EXCEED .013.

7. FOR ADDITIONAL CLOSEDOWN OF Ø Z, BUSHINGS GS3420-3* THRU GS3420-32* MAY BE USED. Ø Z SHALL BE FREE OF OBSTRUCTIONS. BUSHINGS ARE NOT SUPPLIED AND MUST BE ORDERED SEPARATELY.

8. MATERIAL/FINISH:
CLAMP BODY & SADDLES - AL ALLOY/CADMIUM PLATE, OLIVE DRAB OVER ELECTROLESS NICKEL (FINISH NOT FOR USE IN SPACE APPLICATION)

SLEEVE - AL ALLOY/GOLD IRIDIITE
SCREWS & WASHERS - CRES/PASSIVATE
GLAND - SILICONE/NA
RETAINING RING - BRASS SAE 70, HARD TEMPER ONLY/NA

PART NUMBER DEVELOPMENT

EXAMPLE: GS85049/ 2 3C

PRODUCT SERIES

BASIC NO

DASH NUMBER, TABLE I

THIS COPYRIGHTED DOCUMENT IS THE PROPERTY OF GLENAIR, INC. AND IS FURNISHED ON THE CONDITION THAT IT IS NOT TO BE DISCLOSED, REPRODUCED IN WHOLE OR IN PART, OR USED TO SOLICIT QUOTATIONS FROM COMPETITIVE SOURCES, OR USED FOR THE DESIGN OR CONSTRUCTION OF ANY OTHER PRODUCT, WITHOUT THE WRITTEN PERMISSION OF GLENAIR, INC. THIS DOCUMENT HEREIN HAS BEEN DEVELOPED AT GLENAIR'S EXPENSE AND MAY BE USED FOR ENGINEERING EVALUATION AND INCORPORATION INTO TECHNICAL SPECIFICATIONS AND OTHER DOCUMENTS WHICH SPECIFY PROCUREMENT OF PRODUCTS FROM GLENAIR, INC.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE FOR REFERENCE ONLY.		DRAWN T. BAKER		CHECK A. MIKLOS		05/21/08		05/21/08		05/21/08		05/21/08		05/21/08		05/21/08		05/21/08		05/21/08	
TOLERANCES:		FRACTIONS ± 1/16		DECIMALS .XX ± .03 (0.8)		ANGLES ± .2°		DO NOT SCALE THIS DRAWING		SCALE N/A		WEIGHT N/A		SHEET 2 OF 2		REV. A		REV. A		REV. A	
GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201		GLENDALE - CALIFORNIA 91201	
CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS		CLAMP ASSEMBLY, ENVIRONMENTAL, CABLE SEALING, STRAIGHT STRAIN RELIEF FOR HELICAL SOLDER TYPE, V CONNECTORS MS310X CLASSES A, B, C OR K CONNECTORS	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

[GS85049/2-10CMT](#) [GS85049/2-12CMT](#) [GS85049/2-16CMT](#) [GS85049/2-20CMT](#) [GS85049/2-24CMT](#) [GS85049/2-28CMT](#) [GS85049/2-4CMT](#) [GS85049/2-6CMT](#) [GS85049/2-8CMT](#) [GS85049/39S25M](#) [GS85049/41-10AMT](#) [GS85049/41-12AMT](#) [GS85049/41-16AMT](#) [GS85049/41-20AMT](#) [GS85049/41-24AMT](#) [GS85049/41-28AMT](#) [GS85049/41-4AMT](#) [GS85049/41-6AMT](#) [GS85049/41-8AMT](#) [GS85049/43S32NF](#) [GS85049/49-2-18M](#) [GS85049/49-2S12M](#) [GS85049/49-2S8M](#) [GS85049/52-1-14NF](#) [GS85049/69-15Z1](#)