

ITT Cannon Military/High Reliability D Subminiature connectors are used in many applications, including aerospace, transportation, communication systems, information systems and test equipment. Being the inventor of the D Subminiature connector, ITT Cannon is able to use its extensive design expertise and high quality manufacturing processes to insure the optimum performance and reliability.

The D Subminiature connectors with fixed contacts in solder cup, straight and 90° PC contact terminations are qualified to MIL-C-24308 (see cross reference, pages 142-143). These high-reliability D Subminiature connectors are the finest quality connectors available at the most competitive prices in the market.

Applications:

- Aerospace
- Transportation
- Communication Systems
- Information Systems
- Test Equipment



Product Features

Suitable for a variety of cable and printed circuit board options

Solder cup version accommodates wire size 20 AWG maximum

5 A standard current rating
Clinch Nut and Float Mount Options

Specifications

Temperature Rating	–55°C to 125°C	Coaxial VSWR	Less than 1.30 + .03F for F up to 500 MHz
Signal Contact Current Rating	7.5 A current capacity	Coaxial Insertion Loss	.3dB loss at 500 MHz
Signal Contact Resistance	55 millivolt max. at 7.5 test current	High Power Current Rating	Up to 40 A
Signal Contact Dielectric Withstanding Voltage	1250 VAC at Sea Level	High Power Dielectric Withstanding Voltage	1000 VAC at Sea Level
Coaxial Current Rating	5 A	High Voltage Current Rating	5 A
Coaxial Dielectric Withstanding Voltage	1000 VAC at Sea Level	High Voltage Contact Dielectric Withstanding Voltage	2800 V at Sea Level
Coaxial Impedance	75 Ω or 50 Ω		

Materials and Finishes

Description	Material	Finish/Treatment
Shell	Steel	Yellow Chromate over Zinc (Cadmium available upon request; order code -A101)
Insulator	Polyester, UL 94V-0, Color: Green	None
Contacts (Military)	Copper Alloy	50 microinches of Gold over Nickel in mating area, Gold over Nickel on balance
Contacts (Commercial)	Copper Alloy	Gold over Nickel on mating area, Tin on balance
Dual Float Mount Hardware	Stainless Steel	Passivated
Clinch Nut Hardware	Stainless Steel with plastic insert	Passivated
Standoff	Stainless Steel	Passivated
Plastic Bracket	Thermoplastic, UL 94V-0	None
Metal Bracket	Steel	Zinc (Tin if boardlocks are attached)

Coaxial/High Power/High Voltage Contact Assemblies

Contacts and Outer Shells	Copper Alloy	Gold over Nickel
Ring, Retaining	Copper Alloy	Nickel
Insulator (Coaxial Only)	Teflon	None
Insulator (High Voltage Only)	Thermoplastic	None

90° PC Tail with Plastic Bracket

Plug



Part Numbers

		Military Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEMM9PD	DEMM9PL	DEMM9PS	DEMM9PA	DEMM9PG	DEMM9PW
DA	15	DAMM15PD	DAMM15PL	DAMM15PS	DAMM15PA	DAMM15PG	DAMM15PW
DB	25	DBMM25PD	DBMM25PL	DBMM25PS	DBMM25PA	DBMM25PG	DBMM25PW
DC	37	DCMM37PD	DCMM37PL	DCMM37PS	DCMM37PA	DCMM37PG	DCMM37PW
DD	50	DDMM50PD	DDMM50PL	DDMM50PS	DDMM50PA	DDMM50PG	DDMM50PW

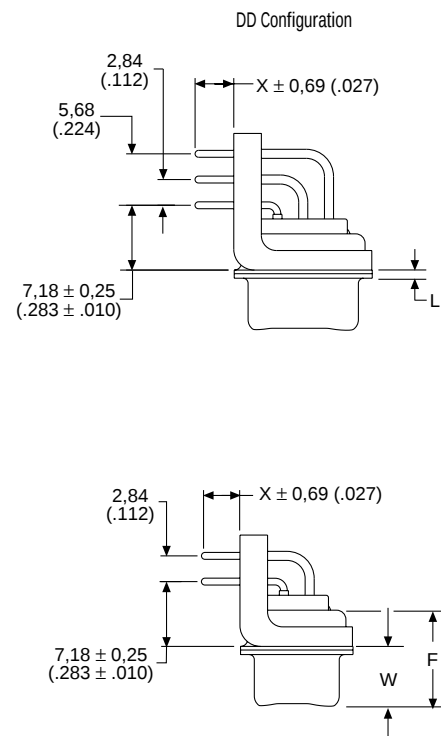
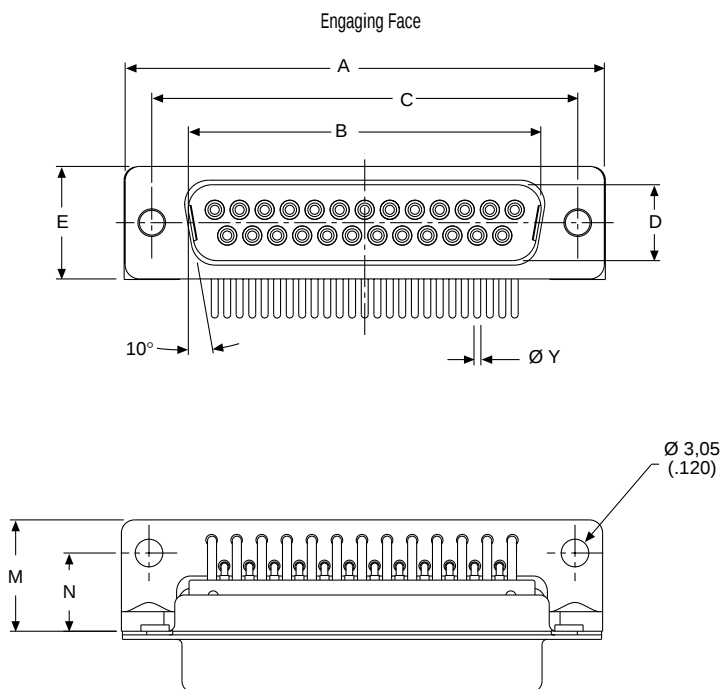
Reader's Resource

For contact cavity arrangements,
see page 224.

For P.C. hole patterns, see page 272.

For panel cutouts, see page 221.

		Commercial Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEM9PD	DEM9PL	DEM9PS	DEM9PA	DEM9PG	DEM9PW
DA	15	DAM15PD	DAM15PL	DAM15PS	DAM15PA	DAM15PG	DAM15PW
DB	25	DBM25PD	DBM25PL	DBM25PS	DBM25PA	DBM25PG	DBM25PW
DC	37	DCM37PD	DCM37PL	DCM37PS	DCM37PA	DCM37PG	DCM37PW
DD	50	DDM50PD	DDM50PL	DDM50PS	DDM50PA	DDM50PG	DDM50PW



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	L ±0,25 (.010)	M ±0,25 (.010)	N ±0,13 (.005)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)	12,30 (.484)	8,64 (.340)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)	12,30 (.484)	8,64 (.340)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)	12,30 (.484)	8,64 (.340)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)	12,30 (.484)	8,64 (.340)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)	15,09 (.594)	10,04 (.395)

90° PC Tail with Plastic Bracket

Receptacle



Reader's Resource

For contact cavity arrangements,
see page 224.

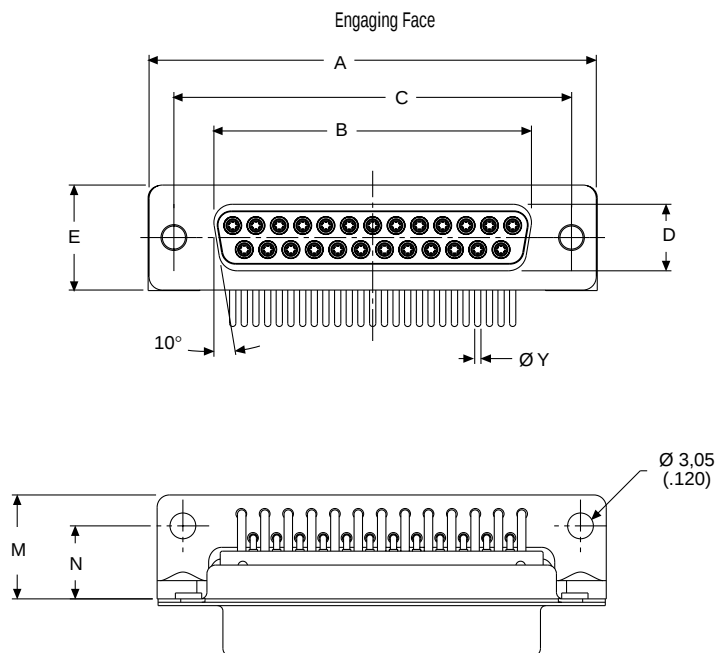
For P.C. hole patterns, see page 272.

For panel cutouts, see page 221.

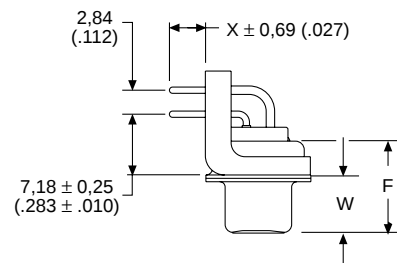
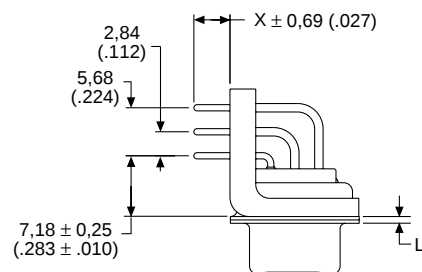
Part Numbers

		Military Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEMM9SD	DEMM9SL	DEMM9SS	DEMM9SA	DEMM9SG	DEMM9SW
DA	15	DAMM15SD	DAMM15SL	DAMM15SS	DAMM15SA	DAMM15SG	DAMM15SW
DB	25	DBMM25SD	DBMM25SL	DBMM25SS	DBMM25SA	DBMM25SG	DBMM25SW
DC	37	DCMM37SD	DCMM37SL	DCMM37SS	DCMM37SA	DCMM37SG	DCMM37SW
DD	50	DDMM50SD	DDMM50SL	DDMM50SS	DDMM50SA	DDMM50SG	DDMM50SW

		Commercial Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEM9SD	DEM9SL	DEM9SS	DEM9SA	DEM9SG	DEM9SW
DA	15	DAM15SD	DAM15SL	DAM15SS	DAM15SA	DAM15SG	DAM15SW
DB	25	DBM25SD	DBM25SL	DBM25SS	DBM25SA	DBM25SG	DBM25SW
DC	37	DCM37SD	DCM37SL	DCM37SS	DCM37SA	DCM37SG	DCM37SW
DD	50	DDM50SD	DDM50SL	DDM50SS	DDM50SA	DDM50SG	DDM50SW



DD Configuration

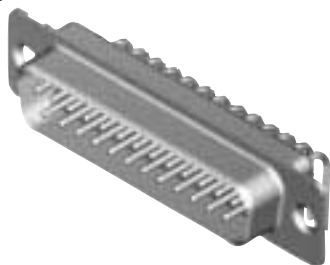


Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	L ±0,25 (.010)	M ±0,25 (.010)	N ±0,13 (.005)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)	12,30 (.484)	8,64 (.340)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)	12,30 (.484)	8,64 (.340)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)	12,30 (.484)	8,64 (.340)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)	12,30 (.484)	8,64 (.340)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	0,76 (.030)	15,09 (.594)	10,04 (.395)

90° PC Tail

Plug



Reader's Resource

For contact cavity arrangements,
see page 224.

For P.C. hole patterns, see page 272.

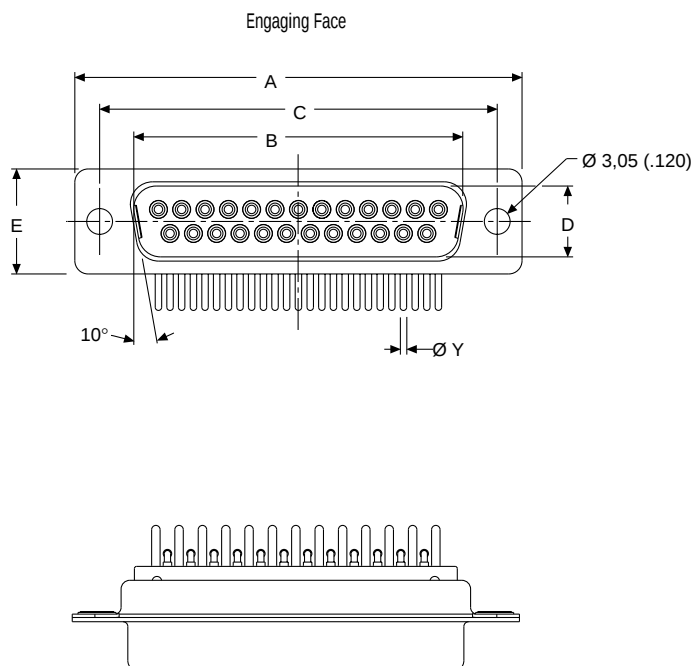
For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

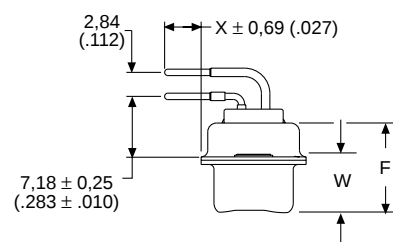
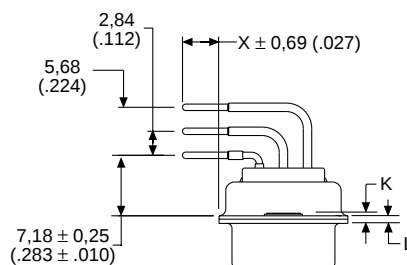
Part Numbers

		Military Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	
DE	9	DEMM9PF	DEMM9PP	DEMM9PR	DEMM9PC	DEMM9PK	
DA	15	DAMM15PF	DAMM15PP	DAMM15PR	DAMM15PC	DAMM15PK	
DB	25	DBMM25PF	DBMM25PP	DBMM25PR	DBMM25PC	DBMM25PK	
DC	37	DCMM37PF	DCMM37PP	DCMM37PR	DCMM37PC	DCMM37PK	
DD	50	DDMM50PF	DDMM50PP	DDMM50PR	DDMM50PC	DDMM50PK	

		Commercial Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	
DE	9	DEM9PF	DEM9PP	DEM9PR	DEM9PC	DEM9PK	
DA	15	DAM15PF	DAM15PP	DAM15PR	DAM15PC	DAM15PK	
DB	25	DBM25PF	DBM25PP	DBM25PR	DBM25PC	DBM25PK	
DC	37	DCM37PF	DCM37PP	DCM37PR	DCM37PC	DCM37PK	
DD	50	DDM50PF	DDM50PP	DDM50PR	DDM50PC	DDM50PK	



DD Configuration

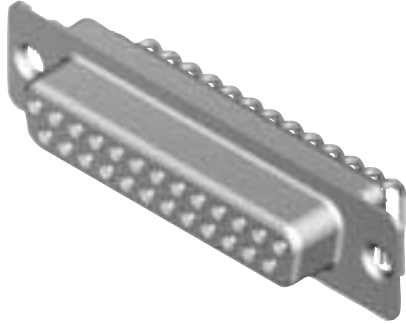


Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	K ±0,317 (.0125)	K ±0,25 (.010)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)

90° PC Tail

Receptacle



Part Numbers

		Military Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	
DE	9	DEMM9SF	DEMM9SP	DEMM9SR	DEMM9SC	DEMM9SK	
DA	15	DAMM15SF	DAMM15SP	DAMM15SR	DAMM15SC	DAMM15SK	
DB	25	DBMM25SF	DBMM25SP	DBMM25SR	DBMM25SC	DBMM25SK	
DC	37	DCMM37SF	DCMM37SP	DCMM37SR	DCMM37SC	DCMM37SK	
DD	50	DDMM50SF	DDMM50SP	DDMM50SR	DDMM50SC	DDMM50SK	

Reader's Resource

For contact cavity arrangements,
see page 224.

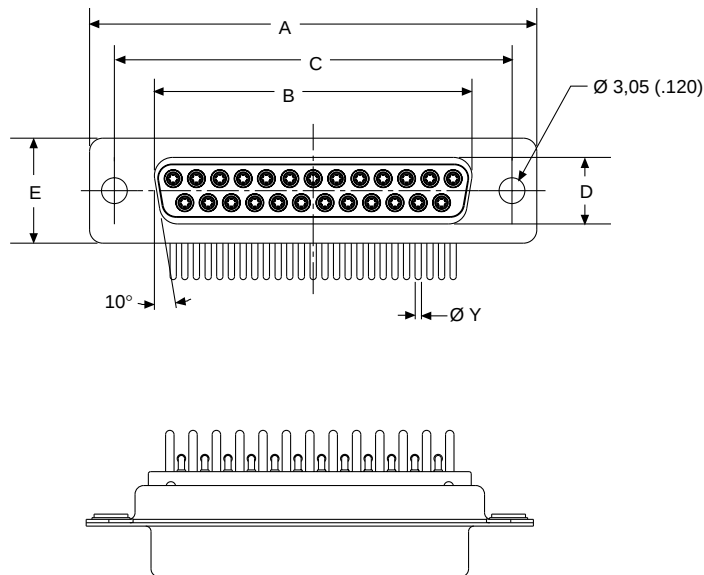
For P.C. hole patterns, see page 272.

For panel cutouts, see page 221.

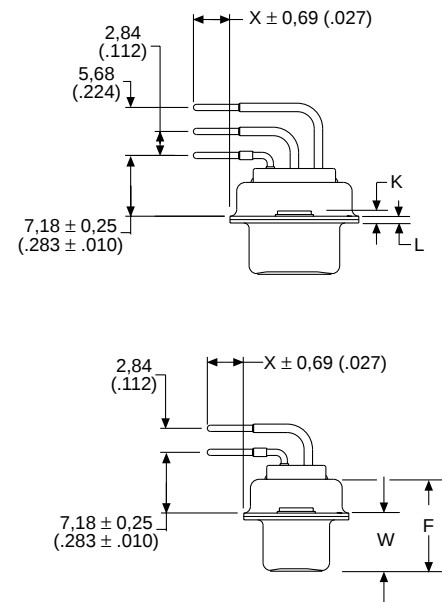
For hardware view (Standard), see page 226.

		Commercial Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	
DE	9	DEM9SF	DEM9SP	DEM9SR	DEM9SC	DEM9SK	
DA	15	DAM15SF	DAM15SP	DAM15SR	DAM15SC	DAM15SK	
DB	25	DBM25SF	DBM25SP	DBM25SR	DBM25SC	DBM25SK	
DC	37	DCM37SF	DCM37SP	DCM37SR	DCM37SC	DCM37SK	
DD	50	DDM50SF	DDM50SP	DDM50SR	DDM50SC	DDM50SK	

Engaging Face



DD Configuration



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	K ±0,318 (.0125)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)

Straight PC Tail

Plug



Part Numbers

		Military Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEMM9PE*	DEMM9PM*	DEMM9PZ*	DEMM9PB	DEMM9PH	DEMM9PX*
DA	15	DAMM15PE*	DAMM15PM*	DAMM15PZ*	DAMM15PB	DAMM15PH	DAMM15PX*
DB	25	DBMM25PE*	DBMM25PM*	DBMM25PZ*	DBMM25PB	DBMM25PH	DBMM25PX*
DC	37	DCMM37PE*	DCMM37PM*	DCMM37PZ*	DCMM37PB	DCMM37PH	DCMM37PX*
DD	50	DDMM50PE*	DDMM50PM*	DDMM50PZ*	DDMM50PB	DDMM50PH	DDMM50PX*

Note: Spacers (shipped loose) provided only on parts marked *

Reader's Resource

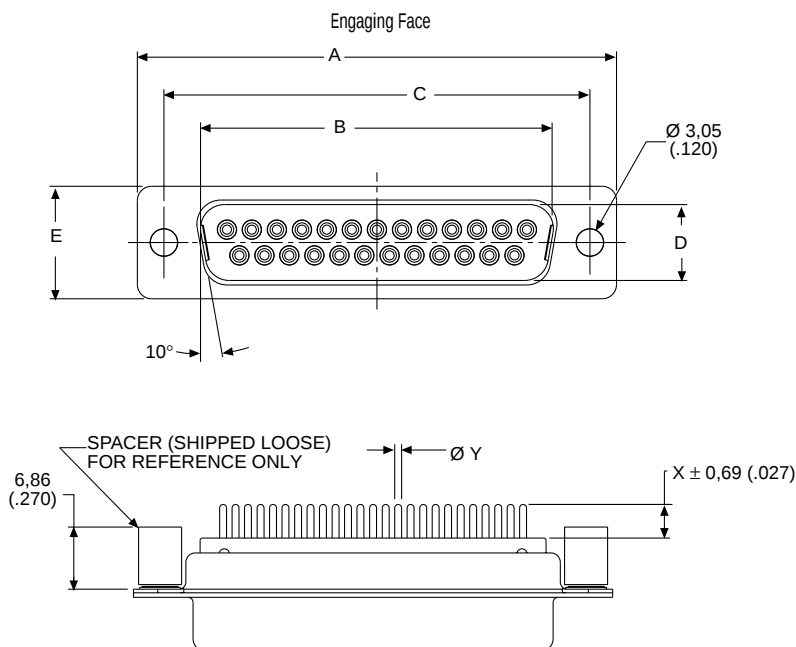
For contact cavity arrangements,
see page 224.

For P.C. hole patterns, see page 274.

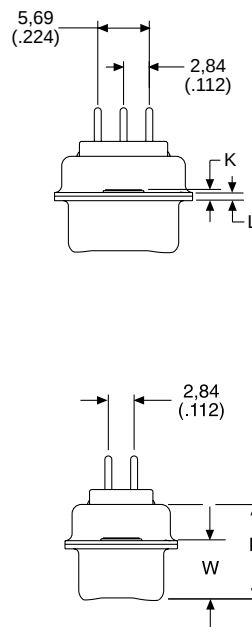
For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

		Commercial Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEM9PE	DEM9PM	DEM9PZ	DEM9PB	DEM9PH	DEM9PX
DA	15	DAM15PE	DAM15PM	DAM15PZ	DAM15PB	DAM15PH	DAM15PX
DB	25	DBM25PE	DBM25PM	DBM25PZ	DBM25PB	DBM25PH	DBM25PX
DC	37	DCM37PE	DCM37PM	DCM37PZ	DCM37PB	DCM37PH	DCM37PX
DD	50	DDM50PE	DDM50PM	DDM50PZ	DDM50PB	DDM50PH	DDM50PX



DD Configuration



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	K ±0,317 (.0125)	K ±0,25 (.010)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)

Straight PC Tail

Receptacle



Part Numbers

		Military Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEMM9SE*	DEMM9SM*	DEMM9SZ*	DEMM9SB	DEMM9SH	DEMM9SX*
DA	15	DAMM15SE*	DAMM15SM*	DAMM15SZ*	DAMM15SB	DAMM15SH	DAMM15SX*
DB	25	DBMM25SE*	DBMM25SM*	DBMM25SZ*	DBMM25SB	DBMM25SH	DBMM25SX*
DC	37	DCMM37SE*	DCMM37SM*	DCMM37SZ*	DCMM37SB	DCMM37SH	DCMM37SX*
DD	50	DDMM50SE*	DDMM50SM*	DDMM50SZ*	DDMM50SB	DDMM50SH	DDMM50SX*

Note: Spacers (shipped loose) provided only on parts marked *

Reader's Resource

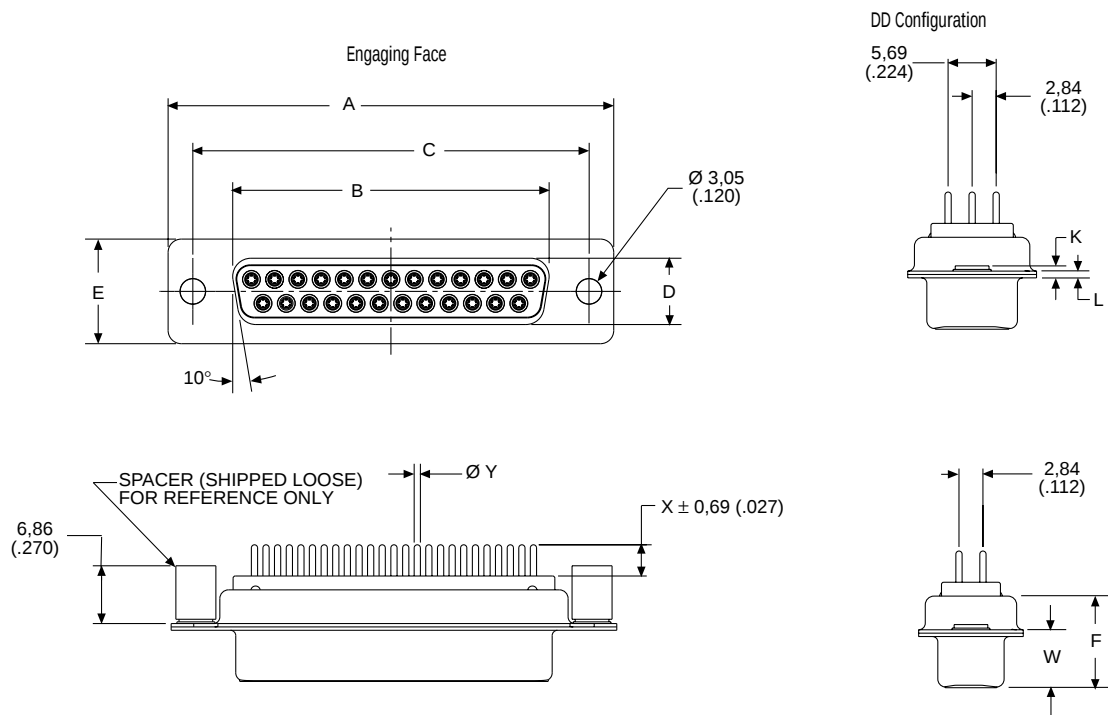
For contact cavity arrangements,
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		Commercial Part Numbers					
		Ø Y 0,76 (.030)			Ø Y 1,02 (.040)		
Shell Size	Layout	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)	X 3,23 (.127)	X 4,01 (.158)	X 4,65 (.183)
DE	9	DEM9SE	DEM9SM	DEM9SZ	DEM9SB	DEM9SH	DEM9SX
DA	15	DAM15SE	DAM15SM	DAM15SZ	DAM15SB	DAM15SH	DAM15SX
DB	25	DBM25SE	DBM25SM	DBM25SZ	DBM25SB	DBM25SH	DBM25SX
DC	37	DCM37SE	DCM37SM	DCM37SZ	DCM37SB	DCM37SH	DCM37SX
DD	50	DDM50SE	DDM50SM	DDM50SZ	DDM50SB	DDM50SH	DDM50SX



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	K ±0,318 (.0125)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)

Wrap Post Connector

Plug



Part Numbers

Shell Size	Layout	Military Part Numbers	
DE	9	DEMM9PF179	DEMM9PF179A
DA	15	DAMM15PF179	DAMM15PF179A
DB	25	DBMM25PF179	DBMM25PF179A
DC	37	DCMM37PF179	DCMM37PF179A
DD	50	DDMM50PF179	DDMM50PF179A

Shell Size	Layout	Commercial Part Numbers	
DE	9	DEM9PF179	DEM9PF179A
DA	15	DAM15PF179	DAM15PF179A
DB	25	DBM25PF179	DBM25PF179A
DC	37	DCM37PF179	DCM37PF179A
DD	50	DDM50PF179	DDM50PF179A

Reader's Resource

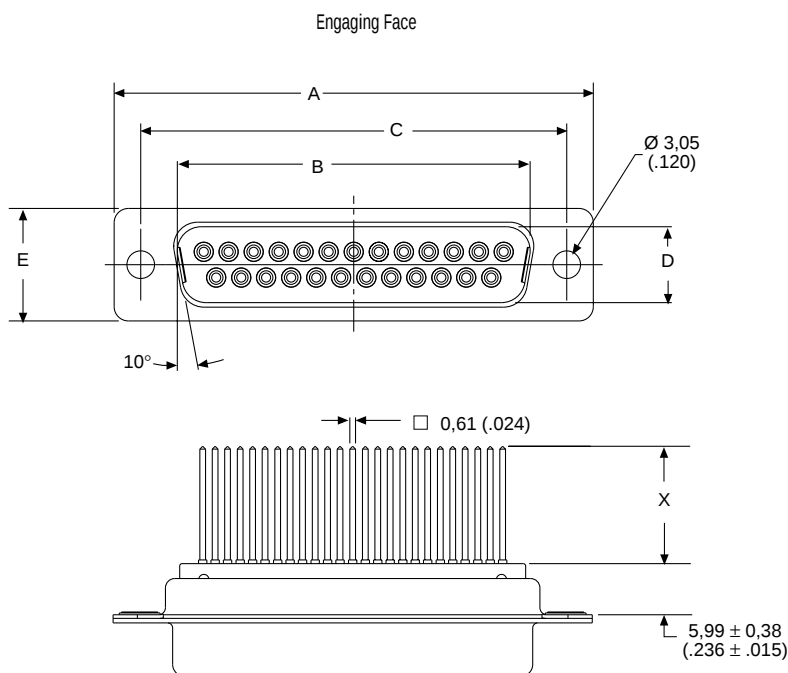
For contact cavity arrangements,
see page 224.

For P.C. hole patterns, see page 274.

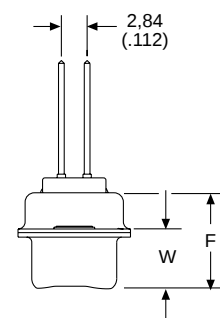
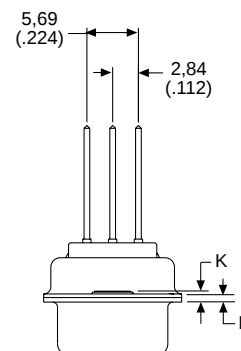
For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

Modification Code	Number of Wraps	X ±0,51 (.020)
F179	2	9,60 (.378)
F179A	3	12,90 (.508)



DD Configuration



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	K ±0,317 (.0125)	K ±0,25 (.010)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)

Wrap Post Connector

Receptacle



Reader's Resource

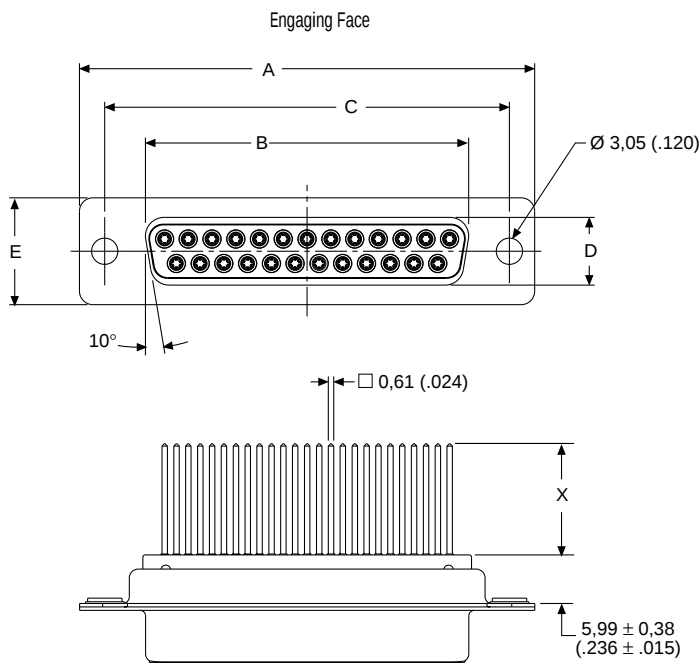
For contact cavity arrangements, see page 224.
For P.C. hole patterns, see page 274.
For panel cutouts, see page 221.
For hardware views (Standard), see page 226.

Part Numbers

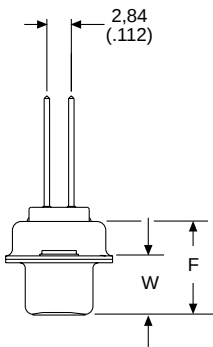
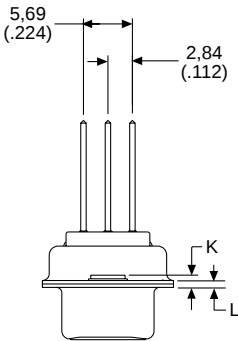
Shell Size	Layout	Military Part Numbers	
DE	9	DEMM9SF179	DEMM9SF179A
DA	15	DAMM15SF179	DAMM15SF179A
DB	25	DBMM25SF179	DBMM25SF179A
DC	37	DCMM37SF179	DCMM37SF179A
DD	50	DDMM50SF179	DDMM50SF179A

Shell Size	Layout	Commercial Part Numbers	
DE	9	DEM9SF179	DEM9SF179A
DA	15	DAM15SF179	DAM15SF179A
DB	25	DBM25SF179	DBM25SF179A
DC	37	DCM37SF179	DCM37SF179A
DD	50	DDM50SF179	DDM50SF179A

Modification Code	Number of Wraps	X ±0,51 (.020)
F179	2	9,60 (.378)
F179A	3	12,90 (.508)



DD Configuration



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	K ±0,318 (.0125)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)

Solder Cup Connector

Plug

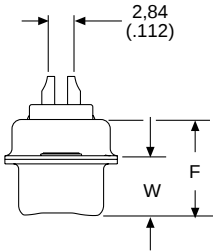
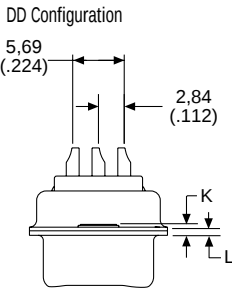
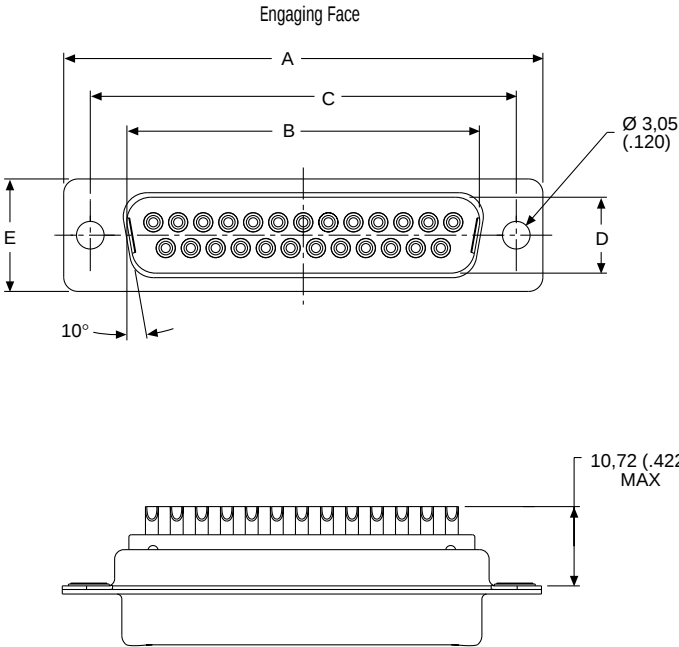


Reader's Resource
For contact cavity arrangements, see page 224.
For panel cutouts, see page 221.
For hardware views (Standard), see page 226.

Part Numbers

Shell Size	Layout	Military Part Numbers		
		Through Hole	Dual Float Mount	Clinch Nut #4-40 UNC
DE	9	DEMM9P	DEMMY9P	DEMME9P
DA	15	DAMM15P	DAMMY15P	DAMME15P
DB	25	DBMM25P	DBMMY25P	DBMME25P
DC	37	DCMM37P	DCMMY37P	DCMME37P
DD	50	DDMM50P	DDMMY50P	DDMME50P

Shell Size	Layout	Commercial Part Numbers		
		Through Hole	Dual Float Mount	Clinch Nut #4-40 UNC
DE	9	DEM9P	DEMY9P	DEME9P
DA	15	DAM15P	DAMY15P	DAME15P
DB	25	DBM25P	DBMY25P	DBME25P
DC	37	DCM37P	DCMY37P	DCME37P
DD	50	DDM50P	DDMY50P	DDME50P



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	K ±0,317 (.0125)	K ±0,25 (.010)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)

Solder Cup Connector

Receptacle



Reader's Resource

For contact cavity arrangements,
see page 224.

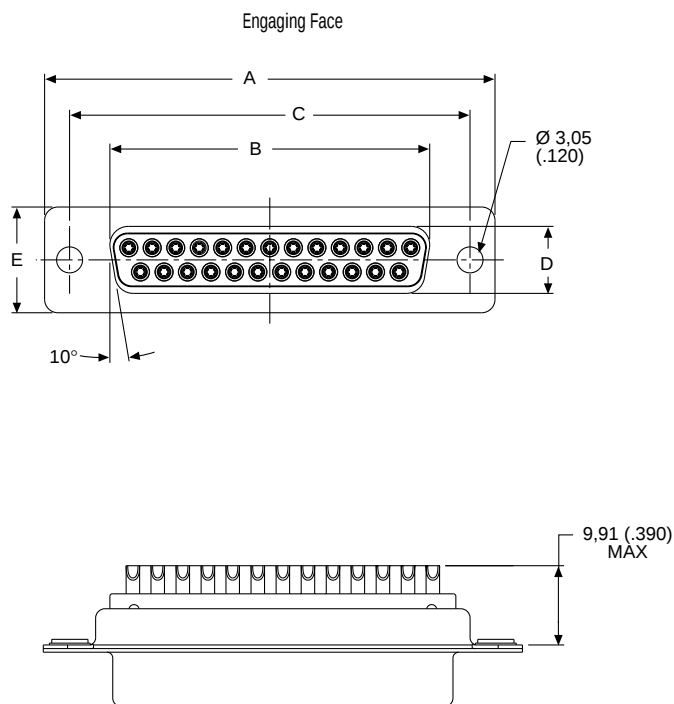
For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

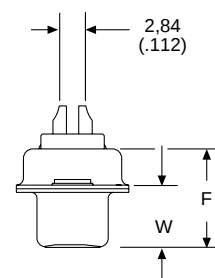
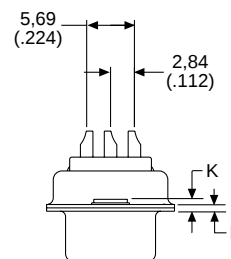
Part Numbers

Shell Size	Layout	Military Part Numbers		
		Through Hole	Dual Float Mount	Clinch Nut #4-40 UNC
DE	9	DEMM9S	DEMMY9S	DEMME9S
DA	15	DAMM15S	DAMMY15S	DAMME15S
DB	25	DBMM25S	DBMMY25S	DBMME25S
DC	37	DCMM37S	DCMMY37S	DCMME37S
DD	50	DDMM50S	DDMMY50S	DDMME50S

Shell Size	Layout	Commercial Part Numbers		
		Through Hole	Dual Float Mount	Clinch Nut #4-40 UNC
DE	9	DEM9S	DEMY9S	DEME9S
DA	15	DAM15S	DAMY15S	DAME15S
DB	25	DBM25S	DBMY25S	DBME25S
DC	37	DCM37S	DCMY37S	DCME37S
DD	50	DDM50S	DDMY50S	DDME50S



DD Configuration



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	K ±0,318 (.0125)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)

MIL-C-24308 Cross Reference

Military Part Number	ITT Cannon Part Number	Military Part Number	ITT Cannon Part Number	Military Part Number	ITT Cannon Part Number
M24308/1-1	DEMM9S	M24308/3-3	DBMM25P	M24308/6-261	DBMAMF25SNM
M24308/1-2	DAMM15S	M24308/3-4	DCMM37P	M24308/6-262	DCMAMF37SNM
M24308/1-3	DBMM25S	M24308/3-5	DDMM50P	M24308/6-263	DDMAMF50SNM
M24308/1-4	DCMM37S	M24308/3-12	DEMMF9P	M24308/6-270	DEMAMFT9SNM
M24308/1-5	DDMM50S	M24308/3-13	DAMMF15P	M24308/6-271	DAMAMFT15SNM
M24308/1-12	DEMMF9S	M24308/3-14	DBMMF25P	M24308/6-272	DBMAMFT25SNM
M24308/1-13	DAMMF15S	M24308/3-15	DCMMF37P	M24308/6-273	DCMAMFT37SNM
M24308/1-14	DBMMF25S	M24308/3-16	DDMMF50P	M24308/6-274	DDMAMFT50SNM
M24308/1-15	DCMMF37S	M24308/4-1	DEMAM9P	M24308/6-281	DEMAM9SNM-FO
M24308/1-16	DDMMF50S	M24308/4-2	DAMAM15P	M24308/6-282	DAMAM15SNM-FO
M24308/1-23	DEMMY9S	M24308/4-3	DBMAM25P	M24308/6-283	DBMAM25SNM-FO
M24308/1-24	DAMMY15S	M24308/4-4	DCMAM37P	M24308/6-284	DCMAM37SNM-FO
M24308/1-25	DBMMY25S	M24308/4-5	DDMAM50P	M24308/6-285	DDMAM50SNM-FO
M24308/1-26	DCMMY37S	M24308/4-6	DEMAMT9P	M24308/6-324	DEMAMF9SNM-FO
M24308/1-27	DDMMY50S	M24308/4-7	DAMAMT15P	M24308/6-325	DAMAMF15SNM-FO
M24308/2-1	DEMAM9S	M24308/4-8	DBMAMT25P	M24308/6-326	DBMAMF25SNM-FO
M24308/2-2	DAMAM15S	M24308/4-9	DCMAMT37P	M24308/6-327	DCMAMF37SNM-FO
M24308/2-3	DBMAM25S	M24308/4-10	DDMAMT50P	M24308/6-328	DDMAMF50SNM-FO
M24308/2-4	DCMAM37S	M24308/4-259	DEMAM9P-FO	M24308/6-453	DEMAMY9SNM
M24308/2-5	DDMAM50S	M24308/4-260	DAMAM15P-FO	M24308/6-454	DAMAMY15SNM
M24308/2-6	DEMAMT9S	M24308/4-261	DBMAMF25P-FO	M24308/6-455	DBMAMY25SNM
M24308/2-7	DAMAMT15S	M24308/4-262	DCMAM37P-FO	M24308/6-456	DCMAMY37SNM
M24308/2-8	DBMAMT25S	M24308/4-263	DDMAM50P-FO	M24308/6-457	DDMAMY50SNM
M24308/2-9	DCMAMT37S	M24308/4-302	DEMAMF9P	M24308/6-464	DEMAMY9SNM
M24308/2-10	DDMAMT50S	M24308/4-303	DAMAMF15P	M24308/6-465	DAMAMT15SNM
M24308/2-23	DEMAMF9S	M24308/4-304	DBMAMF25P	M24308/6-466	DBMAMT25SNM
M24308/2-24	DAMAMF15S	M24308/4-305	DCMAMF37P	M24308/6-467	DCMAMT37SNM
M24308/2-25	DBMAMF25S	M24308/4-306	DDMAMF50P	M24308/6-468	DDMAMT50SNM
M24308/2-26	DCMAMF37S	M24308/4-313	DEMAMT9P	M24308/6-491	DEMAMY9SNM-FO
M24308/2-27	DDMAMF50S	M24308/4-314	DAMAMF15P	M24308/6-492	DAMAMY15SNM-FO
M24308/2-34	DEMAMFT9S	M24308/4-315	DBMAMFT25P	M24308/6-493	DBMAMY25SNM-FO
M24308/2-35	DAMAMFT15S	M24308/4-316	DCMAMFT37P	M24308/6-494	DCMAMY37SNM-FO
M24308/2-36	DBMAMFT25S	M24308/4-317	DDMAMFT50P	M24308/6-495	DDMAMY50SNM-FO
M24308/2-37	DCMAMFT37S	M24308/4-324	DEMAMF9P-FO	M24308/7-1	DEMM9PNM
M24308/2-38	DDMAMFT50S	M24308/4-325	DAMAMF15P-FO	M24308/7-2	DAMM15PNM
M24308/2-281	DEMAM9S-FO	M24308/4-326	DBMAMF25P-FO	M24308/7-3	DBMM25PNM
M24308/2-282	DAMAM15S-FO	M24308/4-327	DCMAMF37P-FO	M24308/7-4	DCMM37PNM
M24308/2-283	DBMAM25S-FO	M24308/4-328	DDMAMF50P-FO	M24308/7-5	DDMM50PNM
M24308/2-284	DCMAM37S-FO	M24308/5-1	DEMM9SNM	M24308/7-12	DEMMF9PNM
M24308/2-285	DDMAM50S-FO	M24308/5-2	DAMM15SNM	M24308/7-13	DAMMF15PNM
M24308/2-292	DEMAMF9S-FO	M24308/5-3	DBMM25SNM	M24308/7-14	DBMMF25PNM
M24308/2-293	DAMAMF15S-FO	M24308/5-4	DCMM37SNM	M24308/7-15	DCMMF37PNM
M24308/2-294	DBMAMF25S-FO	M24308/5-5	DDMM50SNM	M24308/7-16	DDMMF50PNM
M24308/2-295	DCMAMF37S-FO	M24308/5-12	DEMMF9SNM	M24308/8-1	DEMAM9PNM
M24308/2-296	DDMAMF50S-FO	M24308/5-13	DAMMF15SNM	M24308/8-2	DAMAM15PNM
M24308/2-335	DBMAMR25S	M24308/5-14	DBMMF25SNM	M24308/8-3	DBMAM25PNM
M24308/2-336	DCMAMR37S	M24308/5-15	DCMMF37SNM	M24308/8-4	DCMAM37PNM
M24308/2-341	DAMAMR15S	M24308/5-16	DDMMF50SNM	M24308/8-5	DDMAM50PNM
M24308/2-342	DEMAMY9S	M24308/5-23	DDMMY9SNM	M24308/8-6	DEMAMT9PNM
M24308/2-343	DAMAMY15S	M24308/5-24	DAMMY15SNM	M24308/8-7	DAMAMT15PNM
M24308/2-344	DBMAMY25S	M24308/5-25	DBMMY25SNM	M24308/8-8	DBMAMT25PNM
M24308/2-345	DCMAMY37S	M24308/5-26	DCMMY37SNM	M24308/8-9	DCMAMT37PNM
M24308/2-346	DDMAMY50S	M24308/5-27	DDMMY50SNM	M24308/8-10	DDMAMT50PNM
M24308/2-353	DEMAMYT9S	M24308/6-1	DEMAM9SNM	M24308/8-259	DEMAM9PNM-FO
M24308/2-354	DAMAMYT15S	M24308/6-2	DAMAM15SNM	M24308/8-260	DAMAM15PNM-FO
M24308/2-355	DBMAMYT25S	M24308/6-3	DBMAM25SNM	M24308/8-261	DBMAM25PNM-FO
M24308/2-356	DCMAMYT37S	M24308/6-4	DCMAM37SNM	M24308/8-262	DCMAM37PNM-FO
M24308/2-357	DDMAMYT50S	M24308/6-5	DDMAM50SNM	M24308/8-263	DDMAM50PNM-FO
M24308/2-482	DEMAMY9S-FO	M24308/6-6	DEMAMT9SNM	M24308/8-302	DEMAMF9PNM
M24308/2-483	DEMAMY15S-FO	M24308/6-7	DAMAMT15SNM	M24308/8-303	DAMAMF15PNM
M24308/2-484	DEMAMY25S-FO	M24308/6-8	DBMAMT25SNM	M24308/8-304	DBMAMF25PNM
M24308/2-485	DCMAMY37S-FO	M24308/6-9	DCMAMT37SNM	M24308/8-305	DCMAMF37PNM
M24308/2-486	DDMAMY50S-FO	M24308/6-10	DDMAMT50SNM	M24308/8-306	DDMAMF50PNM
M24308/3-1	DEMM9P	M24308/6-259	DEMAMF9SNM	M24308/8-313	DEMAMF9PNM
M24308/3-2	DAMM15P	M24308/6-260	DAMAMF15SNM	M24308/8-314	DAMAMF15PNM

MIL-C-24308 Cross Reference

Military Part Number	ITT Cannon Part Number	Military Part Number	ITT Cannon Part Number	Military Part Number	ITT Cannon Part Number
M24308/8-315	DBMAMFT25PNM	M24308/23-21	DBMM25SX	M24308/24-15	DBMM25PH
M24308/8-316	DCMAMFT37PNM	M24308/23-22	DCMM37SX	M24308/24-16	DCMM37PH
M24308/8-317	DDMAMFT50PNM	M24308/23-23	DDMM50SX	M24308/24-17	DDMM50PH
M24308/8-324	DEMAMF9PNM-FO	M24308/23-25	DEMM9SD	M24308/24-19	DEMM9PX
M24308/8-325	DAMAMF15PNM-FO	M24308/23-26	DAMM15SD	M24308/24-20	DAMM15PX
M24308/8-326	DBMAMF25PNM-FO	M24308/23-27	DBMM25SD	M24308/24-21	DBMM25PX
M24308/8-327	DCMAMF37PNM-FO	M24308/23-28	DCMM37SD	M24308/24-22	DCMM37PX
M24308/8-328	DDMAMF50PNM-FO	M24308/23-29	DDMM50SD	M24308/24-23	DDMM50PX
M24308/9-1	DEH9P002	M24308/23-31	DEMM9SL	M24308/24-25	DEMM9PD
M24308/9-2	DAH15P002	M24308/23-32	DAMM15SL	M24308/24-26	DAMM15PD
M24308/9-3	DBH25P002	M24308/23-33	DBMM25SL	M24308/24-27	DBMM25PD
M24308/9-4	DCH37P002	M24308/23-34	DCMM37SL	M24308/24-28	DCMM37PD
M24308/9-5	DDH50P002	M24308/23-35	DDMM50SL	M24308/24-29	DDMM50PD
M24308/9-6	DEH9P001	M24308/23-37	DEMM9SA	M24308/24-31	DEMM9PL
M24308/9-7	DAH15P001	M24308/23-38	DAMM15SA	M24308/24-32	DAMM15PL
M24308/9-8	DBH25P001	M24308/23-39	DBMM25SA	M24308/24-33	DBMM25PL
M24308/9-9	DCH37P001	M24308/23-40	DCMM37SA	M24308/24-34	DCMM37PL
M24308/9-10	DDH50P001	M24308/23-41	DDMM50SA	M24308/24-35	DDMM50PL
M24308/9-11	DEH9P202	M24308/23-43	DEMM9SG	M24308/24-37	DEMM9PA
M24308/9-12	DAH15P202	M24308/23-44	DAMM15SG	M24308/24-38	DAMM15PA
M24308/9-13	DBH25P202	M24308/23-45	DBMM25SG	M24308/24-39	DBMM25PA
M24308/9-14	DCH37P202	M24308/23-46	DCMM37SG	M24308/24-40	DCMM37PA
M24308/9-15	DDH50P202	M24308/23-47	DDMM50SG	M24308/24-41	DDMM50PA
M24308/9-16	DEH9P201	M24308/23-49	DEMM9SS	M24308/24-43	DEMM9PG
M24308/9-17	DAH15P201	M24308/23-50	DAMM15SS	M24308/24-44	DAMM15PG
M24308/9-18	DBH25P201	M24308/23-51	DBMM25SS	M24308/24-45	DBMM25PG
M24308/9-19	DCH37P201	M24308/23-52	DCMM37SS	M24308/24-46	DCMM37PG
M24308/9-20	DDH50P201	M24308/23-53	DDMM50SS	M24308/24-47	DDMM50PG
M24308/23-1	DEMM9SM	M24308/23-55	DEMM9SW	M24308/24-49	DEMM9PS
M24308/23-2	DAMM15SM	M24308/23-56	DAMM15SW	M24308/24-50	DAMM15PS
M24308/23-3	DBMM25SM	M24308/23-57	DBMM25SW	M24308/24-51	DBMM25PS
M24308/23-4	DCMM37SM	M24308/23-58	DCMM37SW	M24308/24-52	DCMM37PS
M24308/23-5	DDMM50SM	M24308/23-59	DDMM50SW	M24308/24-53	DDMM50PS
M24308/23-7	DEMM9SZ	M24308/24-1	DEMM9PM	M24308/24-55	DEMM9PW
M24308/23-8	DAMM15SZ	M24308/24-2	DAMM15PM	M24308/24-56	DAMM15PW
M24308/23-9	DBMM25SZ	M24308/24-3	DBMM25PM	M24308/24-57	DBMM25PW
M24308/23-10	DCMM37SZ	M24308/24-4	DCMM37PM	M24308/24-58	DCMM37PW
M24308/23-11	DDMM50SZ	M24308/24-5	DDMM50PM	M24308/24-59	DDMM50PW
M24308/23-13	DEMM9SH	M24308/24-7	DEMM9PZ	M24308/26-1	D20418-2
M24308/23-14	DAMM15SH	M24308/24-8	DAMM15PZ	M24308/26-2	D20418-39
M24308/23-15	DBMM25SH	M24308/24-9	DBMM25PZ		
M24308/23-16	DCMM37SH	M24308/24-10	DCMM37PZ		
M24308/23-17	DDMM50SH	M24308/24-11	DDMM50PZ		
M24308/23-19	DEMM9SX	M24308/24-13	DEMM9PH		
M24308/23-20	DAMM15SX	M24308/24-14	DAMM15PH		

MIL-C-39029 Crimp Contacts

Military Part Number	ITT Cannon Part Number	Contact Size	Contact Style	Product Line	MIL Specification
M39029/63-368	031-1007-078	20	Socket	D*MA	MIL-C-24308
M39029/64-369	330-5291-097	20	Pin	D*MA	MIL-C-24308

HE501/D*M Cross Reference

HE501 Part Number	ITT Cannon Part Number	HE501 Part Number	ITT Cannon Part Number	HE501 Part Number	ITT Cannon Part Number
HE501N09AS3	DEM9S	HE501N9KS33	DEM9SF179A	HE501N09YP4	DEM9POL3
HE501N15AS3	DAM15S	HE501N15KS33	DAM15SF179A	HE501N15YP4	DAM15POL3
HE501N25AS3	DBM25S	HE501N25KS33	DBM25SF179A	HE501N25YP4	DBM25POL3
HE501N37AS3	DCM37S	HE501N37KS33	DCM37SF179A	HE501N37YP4	DCM37POL3
HE501N50AS3	DDM50S	HE501N50KS33	DDM50SF179A	HE501N50YP4	DDM50POL3
HE501F09AS3	DEMY9S	HE501N09AP	DEM9P	HE501P09VP6E	DEM9P1A5N
HE501F15AS3	DAMY15S	HE501N15AP	DAM15P	HE501P15VP6E	DAM15P1A5N
HE501F25AS3	DBMY25S	HE501N25AP	DBM25P	HE501P25VP6E	DBM25P1A5N
HE501F37AS3	DCMY37S	HE501N37AP	DCM37P	HE501P37VP6E	DCM39P1A5N
HE501F50AS3	DDMY50S	HE501N50AP	DDM50P	HE501P50VP6E	DDM50P1A5N
HE501N09YS43	DEM9SOL3	HE501F09AP	DEMY9P	HE501N9KP3	DEM9PF179A
HE501N15YS43	DAM15SOL3	HE501F15AP	DAMY15P	HE501N15KP3	DAM15PF179A
HE501N25YS43	DBM25SOL3	HE501F25AP	DBMY25P	HE501N25KP3	DBM25PF179A
HE501N37YS43	DCM37SOL3	HE501F37AP	DCMY37P	HE501N37KP3	DCM37PF179A
HE501N50YS43	DDM50SOL3	HE501F50AP	DDMY50P	HE501N50KP3	DDM50PF179A
HE501P09VS63E	DEM9S1A5N				
HE501P15VS63E	DAM15SA15N				
HE501P25VS63E	DBM25S1A5N				
HE501P37VS63E	DCM37S1A5N				
HE501P50VS63E	DDM50S1A5N				

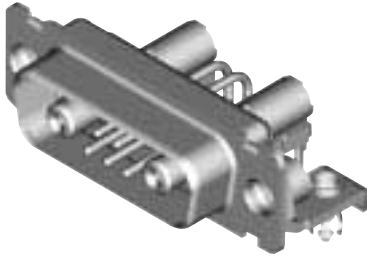
Test Data

MIL-C-24308 Test Extracts Applicable To Class G Connectors

Test Description	Test Requirements				MIL-STD-1344 Test Method
Mating/Unmating Force	Shell Size	Layout	Max Unmating (lbs.)	Max Mating (lbs.)	2013
	DE	9	6	10	
	DA	15	10	17	
	DB	25	17	28	
	DC	37	24	39	
	DD	50	30	49	
Contact Retention	Contacts shall be retained in their inserts by a 9 pound (minimum) force. The axial displacement of contacts shall not exceed .012 inch while under load.				2007
Insulation Resistance	After humidity 1 Megohm (min.) All other conditions 5000 Megohm (min.)				3003
Contact Resistance	After salt spray not to exceed 65 millivolts max.				3004 Size 20 AWG; 7.5 A
Vibration	No damage and no loosening of parts due to vibration. No interruption of electrical continuity longer than 1 microsecond.				2005 Test Cond. 4
Shock	No damage and no loosening of parts. No interruption of electrical continuity longer than 1 microsecond.				2004 Test Cond. E
Durability	No electrical or mechanical defects after 500 cycles of mating and unmating.				2016 200 ± 100 cycles/hour
Salt Spray (Corrosion)	No exposure of base metal due to corrosion which will affect performance. Product will meet further tests as specified.				1001 Cond. B
Fluid Immersion	20 hours immersion MIL-H-5606 Hydraulic Fluid. 20 hours immersion MIL-L-23699 Lubricating Fluid. Connectors shall meet mating/unmating force following immersion.				1016

Coaxial 90° PCB (Sizes DE-DC)

Plug



Reader's Resource

For contact cavity arrangements,
see page 222.

For P.C. hole patterns, see pages 228-229.

For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

For alternate bracket configuration (when
connectors are supplied without boardlocks),
see page 226.

For alternate 50 Ohm coaxial configuration,
see page 225.

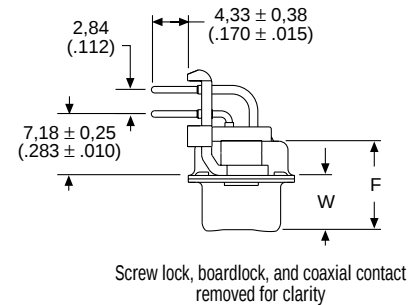
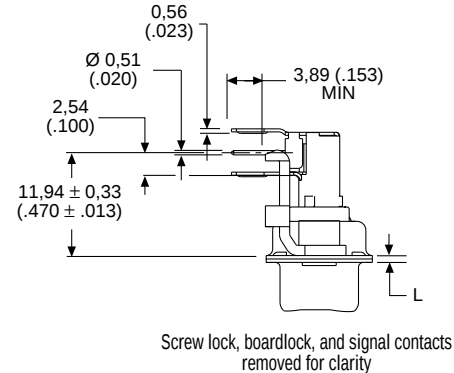
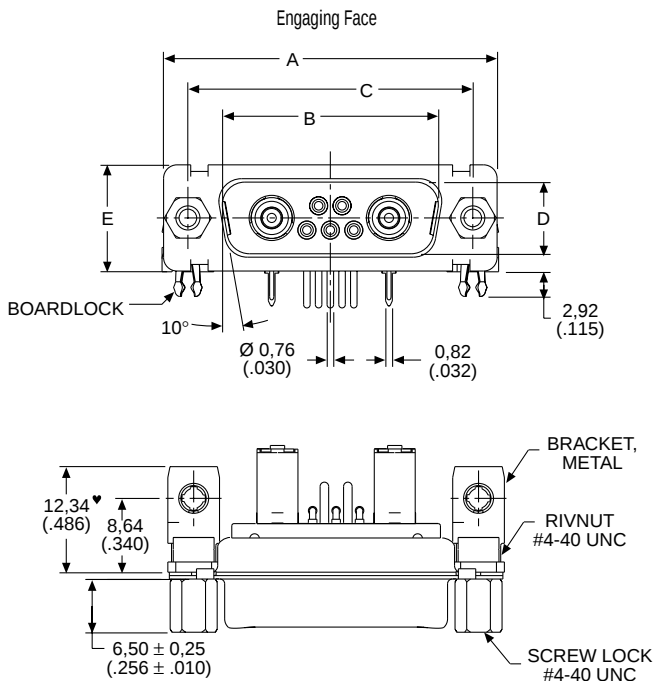
75 Ohm Part Numbers* with Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMP5C1PJ	DEMMC5C1PJ	DEMMD5C1PJ	DEMMG5C1PJ
DA	7W2	DAMMP7C2PJ	DAMMC7C2PJ	DAMMD7C2PJ	DAMMG7C2PJ
DA	11W1	DAMMP11C1PJ	DAMMC11C1PJ	DAMMD11C1PJ	DAMMG11C1PJ
DA	3W3	DAMMP3C3PJ	DAMMC3C3PJ	DAMMD3C3PJ	DAMMG3C3PJ
DA	3WK3♣	DAMMP3CK3PJTM	DAMMC3CK3PJTM	DAMMD3CK3PJTM	DAMMG3CK3PJTM
DB	5W5	DBMMP5C5PJ	DBMMC5C5PJ	DBMMD5C5PJ	DBMMG5C5PJ
DB	9W4	DBMMP9C4PJ	DBMMC9C4PJ	DBMMD9C4PJ	DBMMG9C4PJ
DB	13W3	DBMMP13C3PJ	DBMMC13C3PJ	DBMMD13C3PJ	DBMMG13C3PJ
DB	17W2	DBMMP17C2PJ	DBMMC17C2PJ	DBMMD17C2PJ	DBMMG17C2PJ
DB	21W1	DBMMP21C1PJ	DBMMC21C1PJ	DBMMD21C1PJ	DBMMG21C1PJ
DC	8W8	DCMMP8C8PJ	DCMMC8C8PJ	DCMMD8C8PJ	DCMMG8C8PJ
DC	13W6	DCMMP13C6PJ	DCMMC13C6PJ	DCMMD13C6PJ	DCMMG13C6PJ
DC	17W5	DCMMP17C5PJ	DCMMC17C5PJ	DCMMD17C5PJ	DCMMG17C5PJ
DC	21WA4	DCMMP21CA4PJ	DCMMC21CA4PJ	DCMMD21CA4PJ	DCMMG21CA4PJ
DC	25W3	DCMMP25C3PJ	DCMMC25C3PJ	DCMMD25C3PJ	DCMMG25C3PJ
DC	27W2	DCMMP27C2PJ	DCMMC27C2PJ	DCMMD27C2PJ	DCMMG27C2PJ

Notes: *For 50 Ohm Coaxial substitute X for C. Example: DEMMP5X1PJ

For DD shell size, see page 148.

♣ Keyed



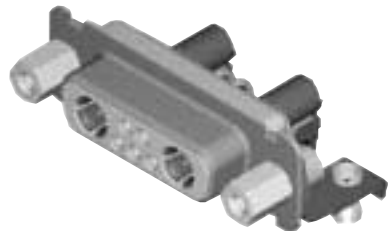
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 226.

Dimensions

Shell Size	A	B	C	D	E	F	W	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,368 (.0145)	±0,41 (.016)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

Coaxial 90° PCB (Sizes DE-DC)

Receptacle



Reader's Resource

For contact cavity arrangements, see page 223.

For P.C. hole patterns, see pages 231-232.

For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

For alternate bracket configuration (when connectors are supplied without boardlocks), see page 226.

For alternate 50 Ohm coaxial configuration, see page 225.

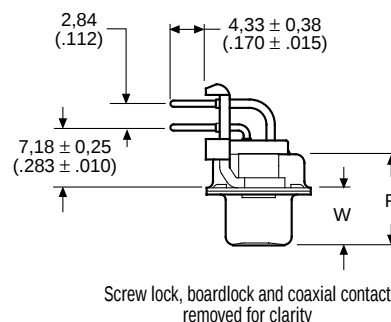
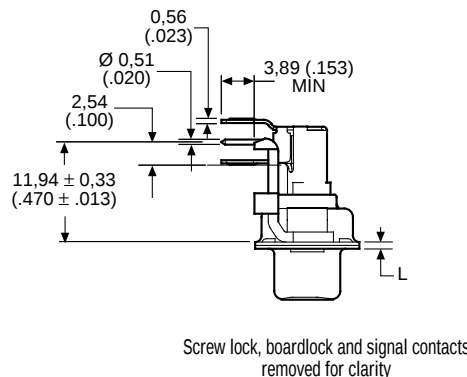
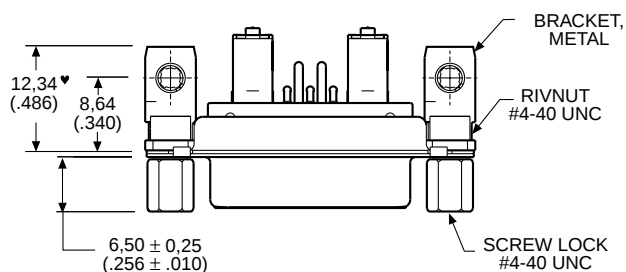
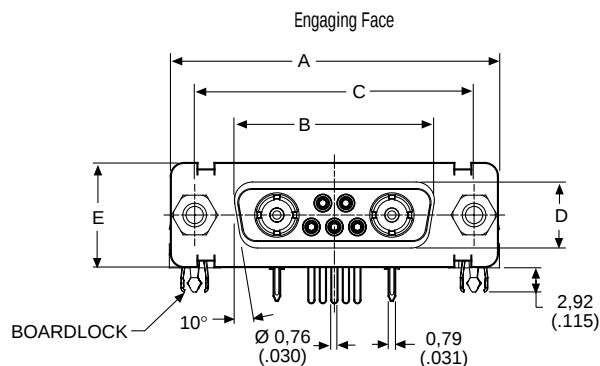
75 Ohm Part Numbers* with Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMP5C1SJ	DEMMC5C1SJ	DEMMD5C1SJ	DEMMG5C1SJ
DA	7W2	DAMMP7C2SJ	DAMMC7C2SJ	DAMMD7C2SJ	DAMMG7C2SJ
DA	11W1	DAMMP11C1SJ	DAMMC11C1SJ	DAMMD11C1SJ	DAMMG11C1SJ
DA	3W3	DAMMP3C3SJ	DAMMC3C3SJ	DAMMD3C3SJ	DAMMG3C3SJ
DA	3WK3♣	DAMMP3CK3SJTM	DAMMC3CK3SJTM	DAMMD3CK3SJTM	DAMMG3CK3SJTM
DB	5W5	DBMMP5C5SJ	DBMMC5C5SJ	DBMMD5C5SJ	DBMMG5C5SJ
DB	9W4	DBMMP9C4SJ	DBMMC9C4SJ	DBMMD9C4SJ	DBMMG9C4SJ
DB	13W3	DBMMP13C3SJ	DBMMC13C3SJ	DBMMD13C3SJ	DBMMG13C3SJ
DB	17W2	DBMMP17C2SJ	DBMMC17C2SJ	DBMMD17C2SJ	DBMMG17C2SJ
DB	21W1	DBMMP21C1SJ	DBMMC21C1SJ	DBMMD21C1SJ	DBMMG21C1SJ
DC	8W8	DCMMP8C8SJ	DCMMC8C8SJ	DCMMD8C8SJ	DCMMG8C8SJ
DC	13W6	DCMMP13C6SJ	DCMMC13C6SJ	DCMMD13C6SJ	DCMMG13C6SJ
DC	17W5	DCMMP17C5SJ	DCMMC17C5SJ	DCMMD17C5SJ	DCMMG17C5SJ
DC	21WA4	DCMMP21CA4SJ	DCMMC21CA4SJ	DCMMD21CA4SJ	DCMMG21CA4SJ
DC	25W3	DCMMP25C3SJ	DCMMC25C3SJ	DCMMD25C3SJ	DCMMG25C3SJ
DC	27W2	DCMMP27C2SJ	DCMMC27C2SJ	DCMMD27C2SJ	DCMMG27C2SJ

Notes: *For 50 Ohm Coaxial substitute X for C. Example: DEMMP5X1SJ

For DD shell size, see page 149.

♣ Keyed



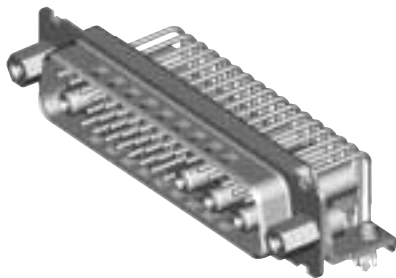
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 225.

Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)

Coaxial 90° PCB (Size DD)

Plug



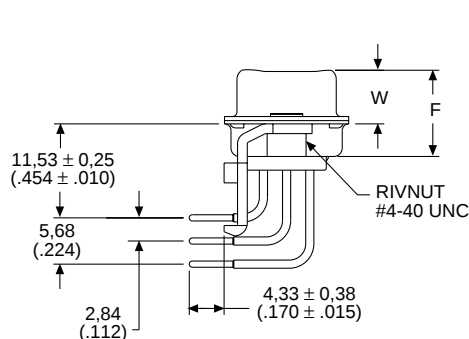
75 Ohm Part Numbers* with Metal Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DD	24W7	DDMMP24C7PJ	DDMMC24C7PJ	DDMMD24C7PJ	DDMMG24C7PJ
DD	36W4	DDMMP36C4PJ	DDMMC36C4PJ	DDMMD36C4PJ	DDMMG36C4PJ
DD	43W2	DDMMP43C2PJ	DDMMC43C2PJ	DDMMD43C2PJ	DDMMG43C2PJ
DD	47W1	DDMMP47C1PJ	DDMMC47C1PJ	DDMMD47C1PJ	DDMMG47C1PJ

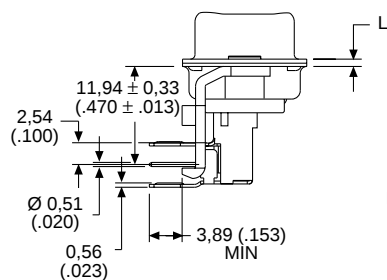
Note: *For 50 Ohm Coaxial substitute X for C. Example: DDMMP24X7PJ

Reader's Resource

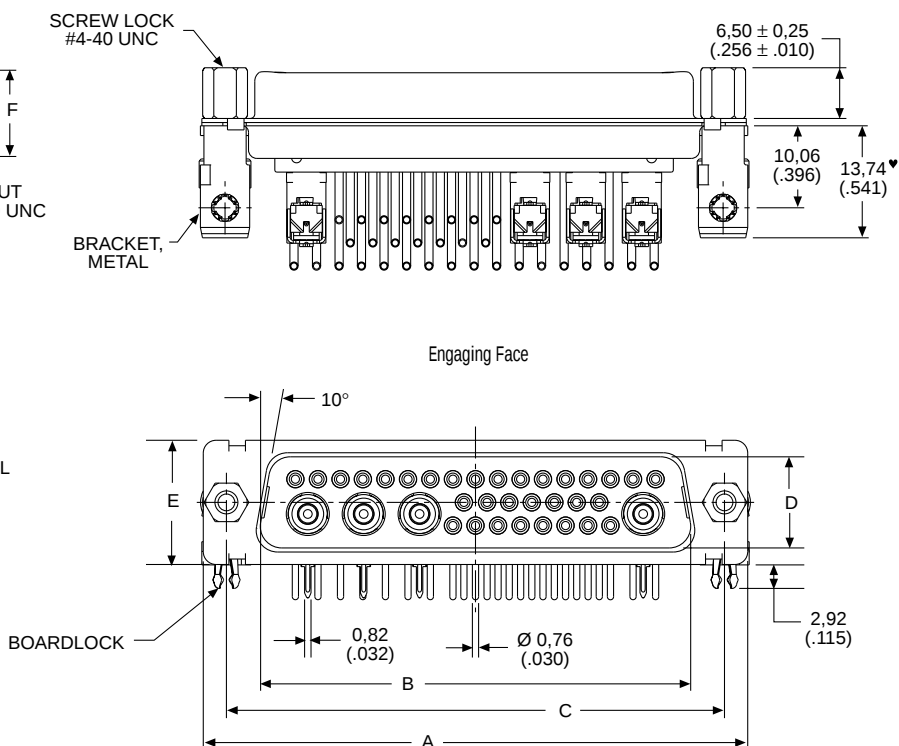
For contact cavity arrangements, see page 222.
 For P.C. hole patterns, see page 230.
 For panel cutouts, see page 221.
 For hardware views (Standard), see page 226.
 For alternate bracket configuration (when connectors are supplied without boardlocks), see page 226.
 For alternate 50 Ohm coaxial configuration, see page 225.



Screw lock, boardlock, and coaxial contact removed for clarity



Screw lock, boardlock, and signal contacts removed for clarity



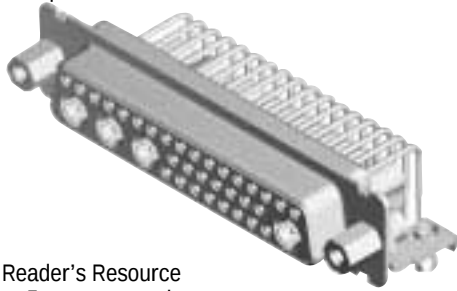
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 226.

Dimensions

Shell Size	A	B	C	D	E	F	W	L
DD	±0.38 (.015)	±0.13 (.005)	±0.13 (.005)	±0.13 (.005)	±0.38 (.015)	±0.25 (.010)	±0.41 (.016)	±0.25 (.010)
DD	66.93 (2.635)	52.81 (2.079)	61.11 (2.406)	11.07 (.436)	15.37 (.605)	10.82 (.426)	6.84 (.269)	0.99 (.039)

Coaxial 90° PCB (Size DD)

Receptacle



75 Ohm Part Numbers* with Metal Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DD	24W7	DDMMP24C7SJ	DDMMC24C7SJ	DDMMD24C7SJ	DDMMG24C7SJ
DD	36W4	DDMMP36C4SJ	DDMMC36C4SJ	DDMMD36C4SJ	DDMMG36C4SJ
DD	43W2	DDMMP43C2SJ	DDMMC43C2SJ	DDMMD43C2SJ	DDMMG43C2SJ
DD	47W1	DDMMP47C1SJ	DDMMC47C1SJ	DDMMD47C1SJ	DDMMG47C1SJ

Note: *For 50 Ohm Coaxial substitute X for C. Example: DDMMG36X4SJ

Reader's Resource

For contact cavity arrangements, see page 223.

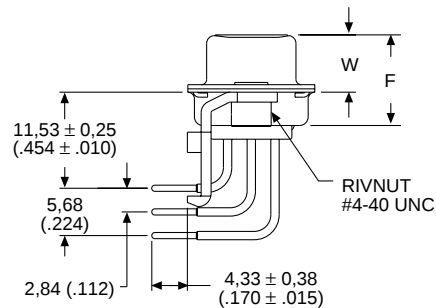
For P.C. hole patterns, see page 233.

For panel cutouts, see page 221.

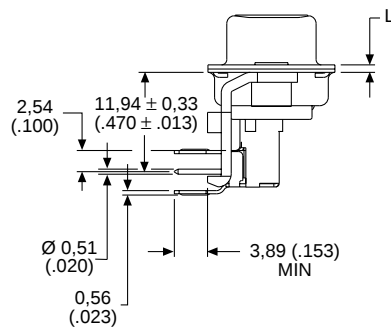
For hardware views (Standard), see page 226.

For alternate bracket configuration (when connectors are supplied without boardlocks), see page 226.

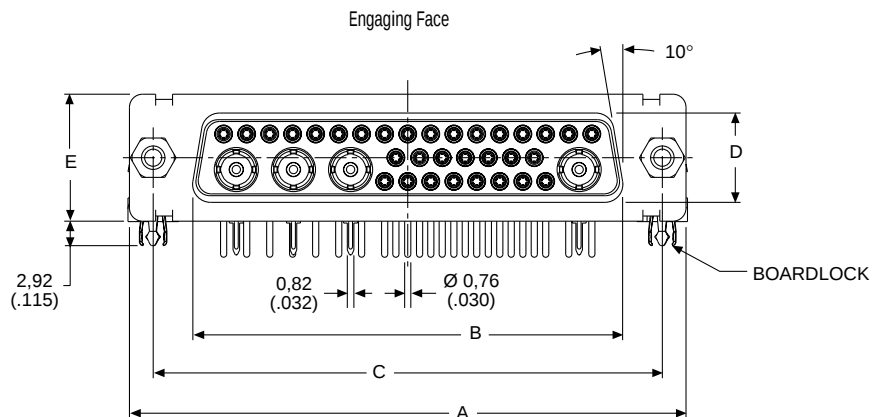
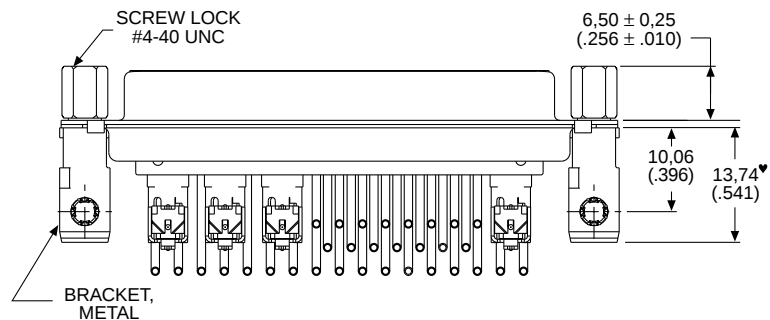
For alternate 50 Ohm coaxial configuration, see page 225.



Screw lock, boardlock, and coaxial contacts removed for clarity



Screw lock, boardlock, and signal contacts removed for clarity



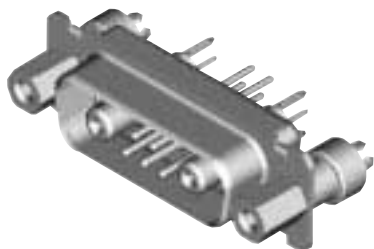
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 226.

Dimensions

Shell Size	A	B	C	D	E	F	W	L
DD	±0.38 (.015)	±0.13 (.005)	±0.13 (.005)	±0.13 (.005)	±0.38 (.015)	±0.25 (.010)	±0.38 (.015)	±0.25 (.010)
DD	66.93 (2.635)	52.42 (2.064)	61.11 (2.406)	10.74 (.423)	15.37 (.605)	10.90 (.429)	6.94 (.273)	0.76 (.030)

Coaxial Straight PCB (Sizes DE-DC)

Plug



Reader's Resource

For contact cavity arrangements,
see page 222.

For P.C. hole patterns, see pages 238-239.

For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

For alternate 50 Ohm coaxial configuration,
see page 225.

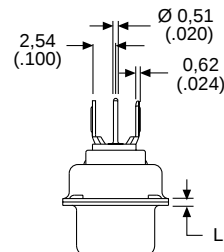
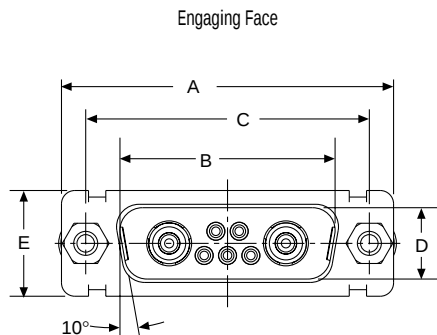
75 Ohm Part Numbers* with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMV5C1PN	DEMMZ5C1PN	DEMMN5C1PN
DA	7W2	DAMMV7C2PN	DAMMZ7C2PN	DAMMN7C2PN
DA	11W1	DAMMV11C1PN	DAMMZ11C1PN	DAMMN11C1PN
DA	3W3	DAMMV3C3PN	DAMMZ3C3PN	DAMMN3C3PN
DA	3WK3♣	DAMMV3CK3PNTM	DAMMZ3CK3PNTM	DAMMN3CK3PNTM
DB	5W5	DBMMV5C5PN	DBMMZ5C5PN	DBMMN5C5PN
DB	9W4	DBMMV9C4PN	DBMMZ9C4PN	DBMMN9C4PN
DB	13W3	DBMMV13C3PN	DBMMZ13C3PN	DBMMN13C3PN
DB	17W2	DBMMV17C2PN	DBMMZ17C2PN	DBMMN17C2PN
DB	21W1	DBMMV21C1PN	DBMMZ21C1PN	DBMMN21C1PN
DC	8W8	DCMMV8C8PN	DCMMZ8C8PN	DCMMN8C8PN
DC	13W6	DCMMV13C6PN	DCMMZ13C6PN	DCMMN13C6PN
DC	17W5	DCMMV17C5PN	DCMMZ17C5PN	DCMMN17C5PN
DC	21WA4	DCMMV21CA4PN	DCMMZ21CA4PN	DCMMN21CA4PN
DC	25W3	DCMMV25C3PN	DCMMZ25C3PN	DCMMN25C3PN
DC	27W2	DCMMV27C2PN	DCMMZ27C2PN	DCMMN27C2PN

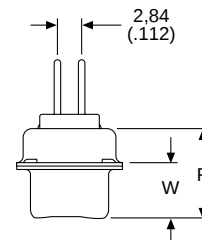
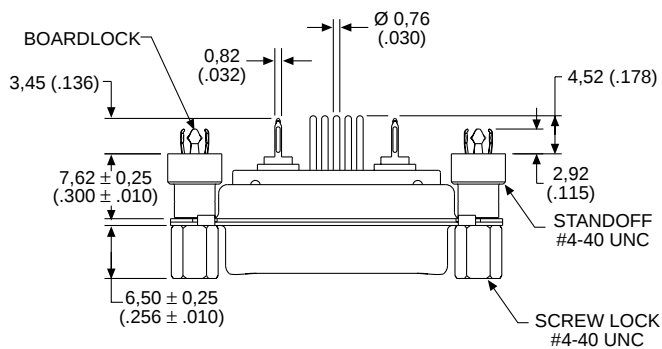
Notes: *For 50 Ohm Coaxial substitute X for C. Example: DEMMV5X1PN

For DD shell size, see page 152.

♣ Keyed



Screw lock, boardlock, and signal contacts
removed for clarity



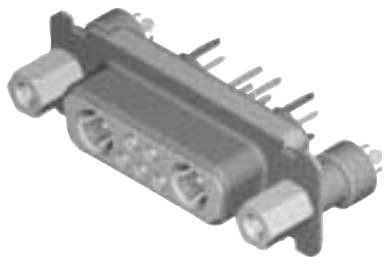
Screw lock, boardlock, and coaxial contact
removed for clarity

Dimensions

Shell Size	A	B	C	D	E	F	W	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,368 (.0145)	±0,41 (.016)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

Coaxial Straight PCB (Sizes DE-DC)

Receptacle



Reader's Resource

For contact cavity arrangements, see page 223.

For P.C. hole patterns, see pages 241-242.

For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

For alternate 50 Ohm coaxial configuration, see page 225.

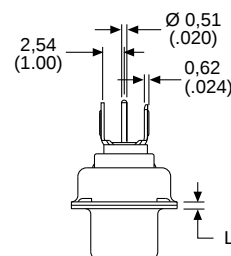
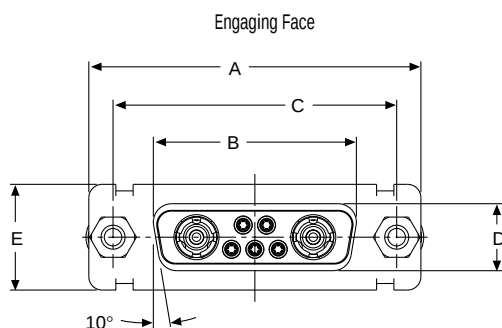
75 Ohm Part Numbers* with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMV5C1SN	DEMMZ5C1SN	DEMMN5C1SN
DA	7W2	DAMMV7C2SN	DAMMZ7C2SN	DAMMN7C2SN
DA	11W1	DAMMV11C1SN	DAMMZ11C1SN	DAMMN11C1SN
DA	3W3	DAMMV3C3SN	DAMMZ3C3SN	DAMMN3C3SN
DA	3WK3♣	DAMMV3CK3SNTM	DAMMZ3CK3SNTM	DAMMN3CK3SNTM
DB	5W5	DBMMV5C5SN	DBMMZ5C5SN	DBMMN5C5SN
DB	9W4	DBMMV9C4SN	DBMMZ9C4SN	DBMMN9C4SN
DB	13W3	DBMMV13C3SN	DBMMZ13C3SN	DBMMN13C3SN
DB	17W2	DBMMV17C2SN	DBMMZ17C2SN	DBMMN17C2SN
DB	21W1	DBMMV21C1SN	DBMMZ21C1SN	DBMMN21C1SN
DC	8W8	DCMMV8C8SN	DCMMZ8C8SN	DCMMN8C8SN
DC	13W6	DCMMV13C6SN	DCMMZ13C6SN	DCMMN13C6SN
DC	17W5	DCMMV17C5SN	DCMMZ17C5SN	DCMMN17C5SN
DC	21WA4	DCMMV21CA4SN	DCMMZ21CA4SN	DCMMN21CA4SN
DC	25W3	DCMMV25C3SN	DCMMZ25C3SN	DCMMN25C3SN
DC	27W2	DCMMV27C2SN	DCMMZ27C2SN	DCMMN27C2SN

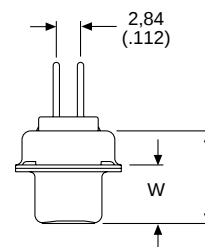
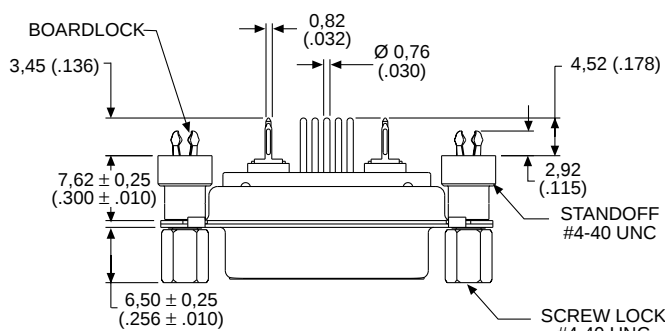
Notes: *For 50 Ohm Coaxial substitute X for C. Example: DEMMV5X1SN

For DD shell size, see page 153.

♣ Keyed



Screw lock, boardlock, and signal contacts removed for clarity



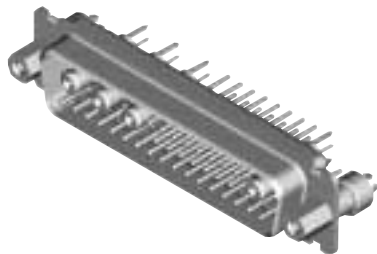
Hardware and coaxial contact removed for clarity

Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F 0,25 (.010)	W ±0,38 (.015)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)

Coaxial Straight PCB (Size DD)

Plug



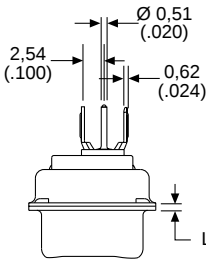
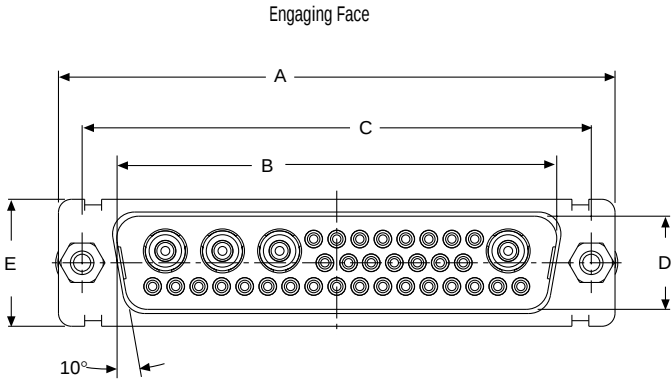
75 Ohm Part Numbers* with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DD	24W7	DDMMV24C7PN	DDMMZ24C7PN	DDMMN24C7PN
DD	36W4	DDMMV36C4PN	DDMMZ36C4PN	DDMMN36C4PN
DD	43W2	DDMMV43C2PN	DDMMZ43C2PN	DDMMN43C2PN
DD	47W1	DDMMV47C1PN	DDMMZ47C1PN	DDMMN47C1PN

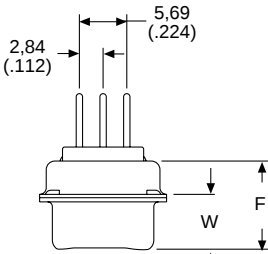
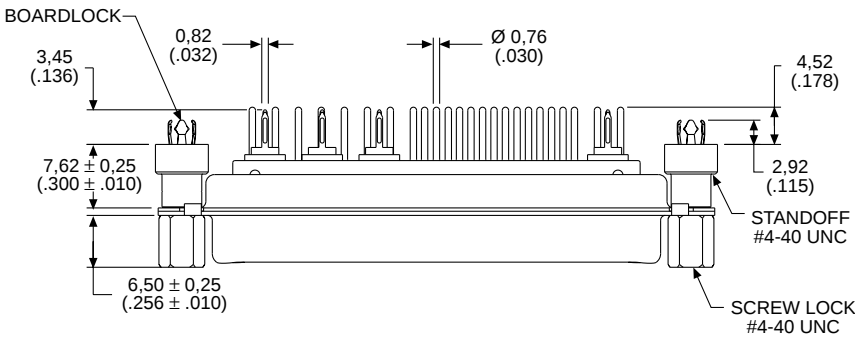
Note: *For 50 Ohm Coaxial substitute X for C. Example: DDMMV24XPN

Reader's Resource

- For contact cavity arrangements, see page 222.
- For P.C. hole patterns, see page 256.
- For panel cutouts, see page 221.
- For hardware views (Standard), see page 226.
- For alternate 50 Ohm coaxial configuration, see page 225.



Screw lock, boardlock, and signal contacts removed for clarity



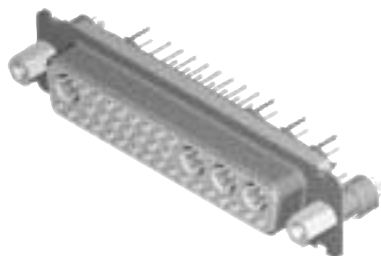
Screw lock, boardlock, and coaxial contact removed for clarity

Dimensions

Shell Size	A ±0.38 (.015)	B ±0.13 (.005)	C ±0.13 (.005)	D ±0.13 (.005)	E ±0.38 (.015)	F ±0.25 (.010)	W ±0.41 (.016)	L ±0.25 (.010)
DD	66.93 (2.635)	52.81 (2.079)	61.11 (2.406)	11.07 (.436)	15.37 (.605)	10.82 (.426)	6.84 (.269)	0.99 (.039)

Coaxial Straight PCB (Size DD)

Receptacle



75 Ohm Part Numbers* with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DD	24W7	DDMMV24C7SN	DDMMZ24C7SN	DDMMN24C7SN
DD	36W4	DDMMV36C4SN	DDMMZ36C4SN	DDMMN36C4SN
DD	43W2	DDMMV43C2SN	DDMMZ43C2SN	DDMMN43C2SN
DD	47W1	DDMMV47C1SN	DDMMZ47C1SN	DDMMN47C1SN

Note: *For 50 Ohm Coaxial substitute X for C. Example: DDMMV24X7SN

Reader's Resource

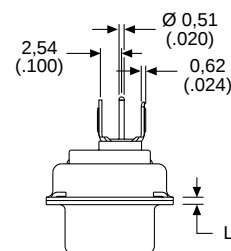
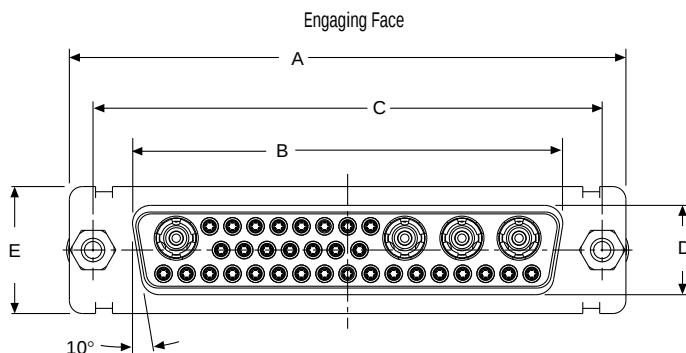
For contact cavity arrangements,
see page 223.

For P.C. hole patterns, see page 259.

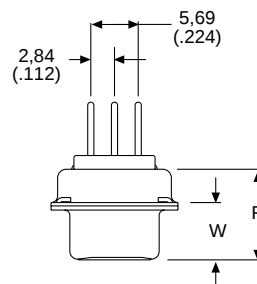
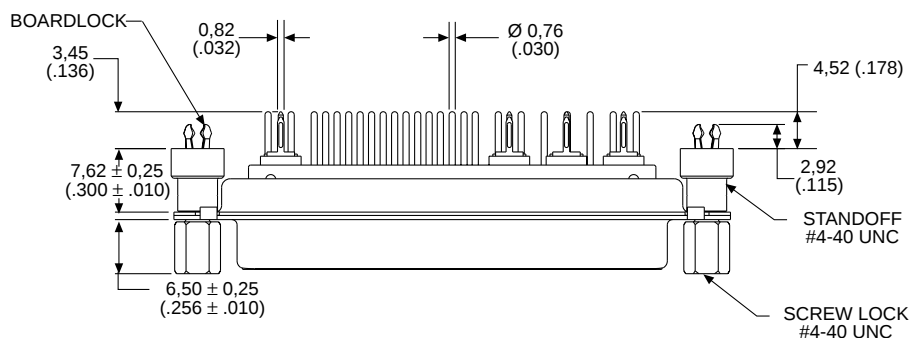
For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

For alternate 50 Ohm coaxial configuration,
see page 225.



Screw lock, boardlock, and signal contacts
removed for clarity



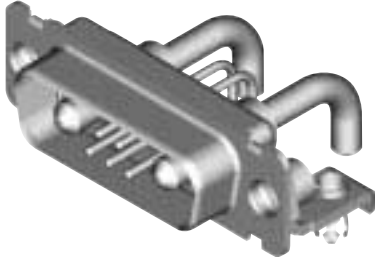
Screw lock, boardlock, and coaxial contact
removed for clarity

Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	L ±0,25 (.010)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	0,76 (.030)

40 A High Power 90° PCB (Sizes DE-DC)

Plug



Reader's Resource

For contact cavity arrangements,
see page 222.

For P.C. hole patterns, see pages 244-245.

For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

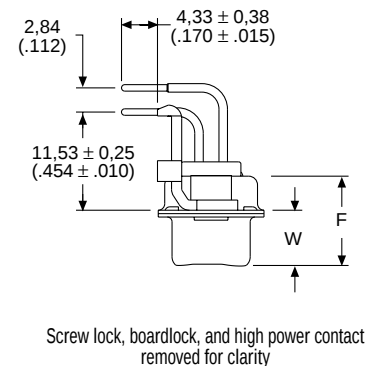
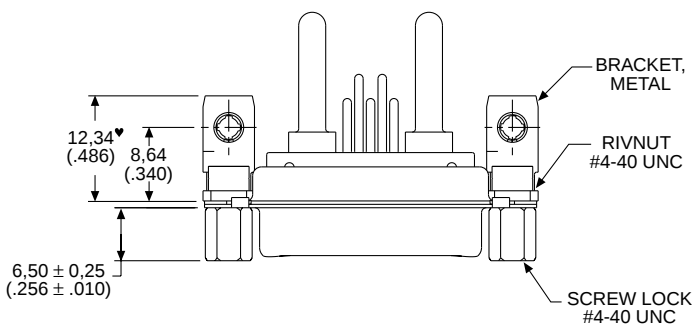
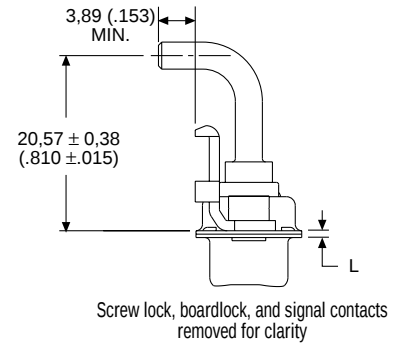
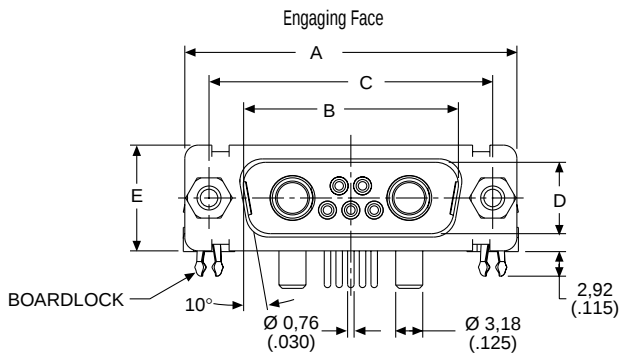
For alternate bracket configuration (when
connectors are supplied without boardlocks),
see page 226.

Part Numbers with Metal Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMP5H1PJ	DEMMC5H1PJ	DEMMD5H1PJ	DEMMG5H1PJ
DA	7W2	DAMMP7H2PJ	DAMMC7H2PJ	DAMMD7H2PJ	DAMMG7H2PJ
DA	11W1	DAMMP11H1PJ	DAMMC11H1PJ	DAMMD11H1PJ	DAMMG11H1PJ
DA	3W3	DAMMP3H3PJ	DAMMC3H3PJ	DAMMD3H3PJ	DAMMG3H3PJ
DA	3WK3♣	DAMMP3HK3PJTM	DAMMC3HK3PJTM	DAMMD3HK3PJTM	DAMMG3HK3PJTM
DB	5W5	DBMMP5H5PJ	DBMMC5H5PJ	DBMMD5H5PJ	DBMMG5H5PJ
DB	9W4	DBMMP9H4PJ	DBMMC9H4PJ	DBMMD9H4PJ	DBMMG9H4PJ
DB	13W3	DBMMP13H3PJ	DBMMC13H3PJ	DBMMD13H3PJ	DBMMG13H3PJ
DB	17W2	DBMMP17H2PJ	DBMMC17H2PJ	DBMMD17H2PJ	DBMMG17H2PJ
DB	21W1	DBMMP21H1PJ	DBMMC21H1PJ	DBMMD21H1PJ	DBMMG21H1PJ
DC	8W8	DCMMP8H8PJ	DCMMC8H8PJ	DCMMD8H8PJ	DCMMG8H8PJ
DC	13W6	DCMMP13H6PJ	DCMMC13H6PJ	DCMMD13H6PJ	DCMMG13H6PJ
DC	17W5	DCMMP17H5PJ	DCMMC17H5PJ	DCMMD17H5PJ	DCMMG17H5PJ
DC	21WA4	DCMMP21HA4PJ	DCMMC21HA4PJ	DCMMD21HA4PJ	DCMMG21HA4PJ
DC	25W3	DCMMP25H3PJ	DCMMC25H3PJ	DCMMD25H3PJ	DCMMG25H3PJ
DC	27W2	DCMMP27H2PJ	DCMMC27H2PJ	DCMMD27H2PJ	DCMMG27H2PJ

Notes: For DD shell size, see page 156.

♣ Keyed



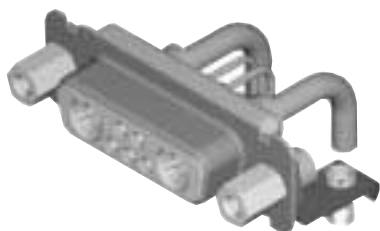
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 226.

Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

40 A High Power 90° PCB (Sizes DE-DC)

Receptacle



Reader's Resource

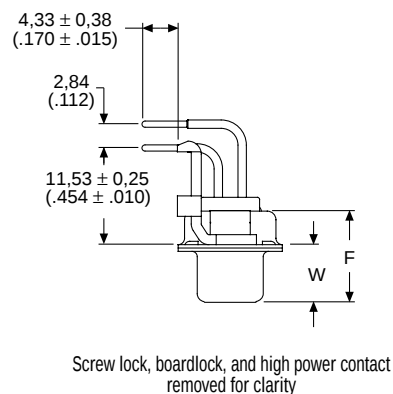
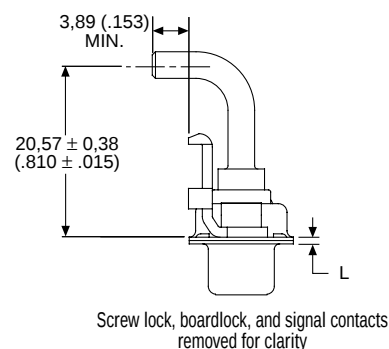
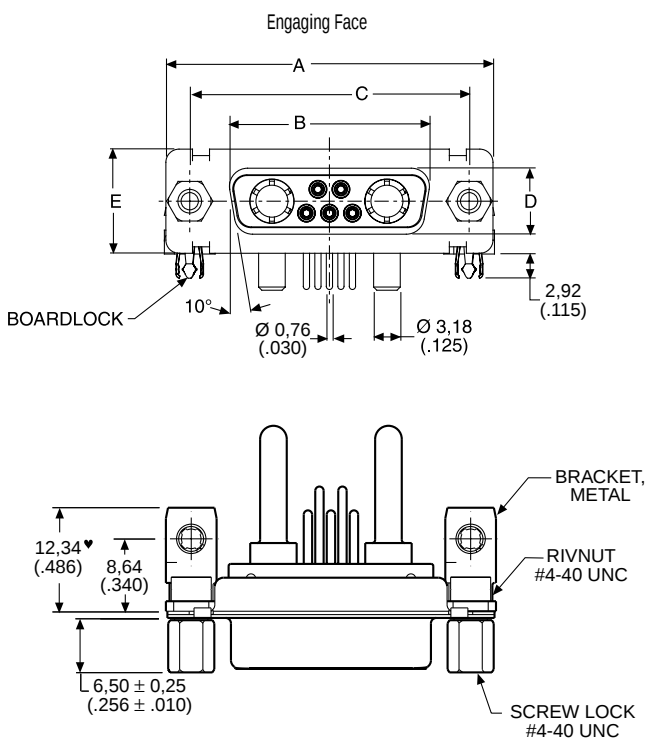
For contact cavity arrangements, see page 223.
 For P.C. hole patterns, see pages 247-248.
 For panel cutouts, see page 221.
 For hardware views (Standard), see page 226.
 For alternate bracket configuration (when connectors are supplied without boardlocks), see page 226.

Part Numbers with Metal Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMP5H1SJ	DEMMC5H1SJ	DEMMD5H1SJ	DEMMG5H1SJ
DA	7W2	DAMMP7H2SJ	DAMMC7H2SJ	DAMMD7H2SJ	DAMMG7H2SJ
DA	11W1	DAMMP11H1SJ	DAMMC11H1SJ	DAMMD11H1SJ	DAMMG11H1SJ
DA	3W3	DAMMP3H3SJ	DAMMC3H3SJ	DAMMD3H3SJ	DAMMG3H3SJ
DA	3WK3♣	DAMMP3HK3SJTM	DAMMC3HK3SJTM	DAMMD3HK3SJTM	DAMMG3HK3SJTM
DB	5W5	DBMMP5H5SJ	DBMMC5H5SJ	DBMMD5H5SJ	DBMMG5H5SJ
DB	9W4	DBMMP9H4SJ	DBMMC9H4SJ	DBMMD9H4SJ	DBMMG9H4SJ
DB	13W3	DBMMP13H3SJ	DBMMC13H3SJ	DBMMD13H3SJ	DBMMG13H3SJ
DB	17W2	DBMMP17H2SJ	DBMMC17H2SJ	DBMMD17H2SJ	DBMMG17H2SJ
DB	21W1	DBMMP21H1SJ	DBMMC21H1SJ	DBMMD21H1SJ	DBMMG21H1SJ
DC	8W8	DCMMP8H8SJ	DCMMC8H8SJ	DCMMD8H8SJ	DCMMG8H8SJ
DC	13W6	DCMMP13H6SJ	DCMMC13H6SJ	DCMMD13H6SJ	DCMMG13H6SJ
DC	17W5	DCMMP17H5SJ	DCMMC17H5SJ	DCMMD17H5SJ	DCMMG17H5SJ
DC	21WA4	DCMMP21HA4SJ	DCMMC21HA4SJ	DCMMD21HA4SJ	DCMMG21HA4SJ
DC	25W3	DCMMP25H3SJ	DCMMC25H3SJ	DCMMD25H3SJ	DCMMG25H3SJ
DC	27W2	DCMMP27H2SJ	DCMMC27H2SJ	DCMMD27H2SJ	DCMMG27H2SJ

Notes: For DD shell size, see page 157.

♣ Keyed.



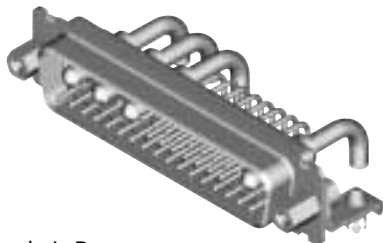
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 226.

Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)

40 A High Power 90° PCB (Size DD)

Plug



Part Numbers with Metal Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DD	24W7	DDMMP24H7PJ	DDMMC24H7PJ	DDMMD24H7PJ	DDMMG24H7PJ
DD	36W4	DDMMP36H4PJ	DDMMC36H4PJ	DDMMD36H4PJ	DDMMG36H4PJ
DD	43W2	DDMMP43H2PJ	DDMMC43H2PJ	DDMMD43H2PJ	DDMMG43H2PJ
DD	47W1	DDMMP47H1PJ	DDMMC47H1PJ	DDMMD47H1PJ	DDMMG47H1PJ

Reader's Resource

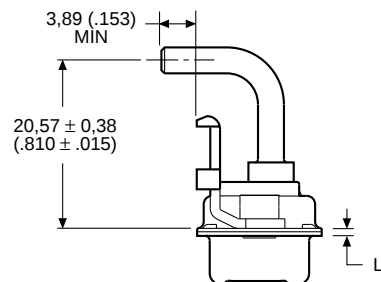
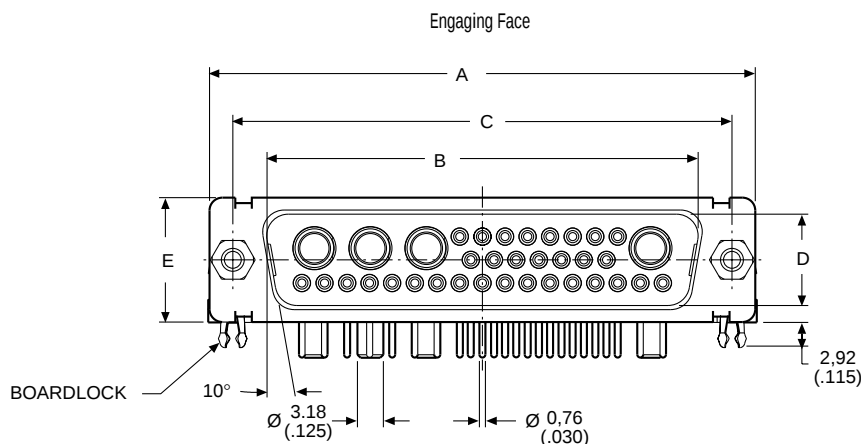
For contact cavity arrangements, see page 222.

For P.C. hole patterns, see page 246.

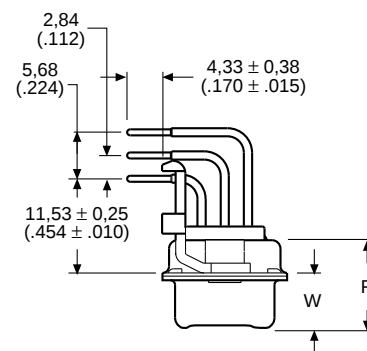
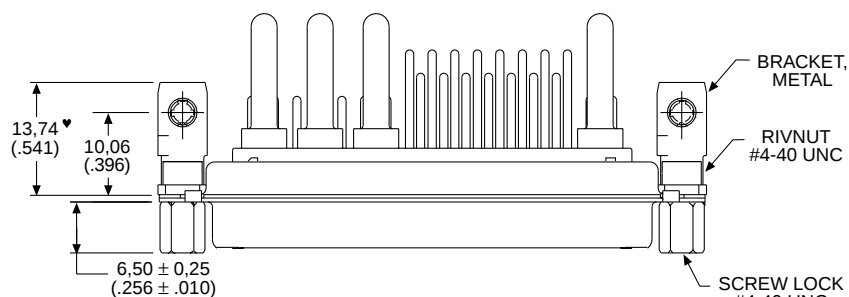
For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

For alternate bracket configuration (when connectors are supplied without boardlocks), see page 226.



Screw lock, boardlock, and signal contacts removed for clarity



Screw lock, boardlock, and high power contact removed for clarity

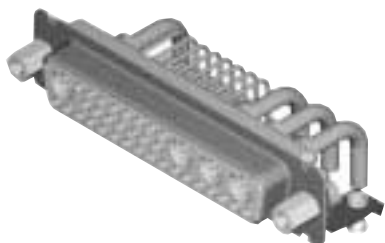
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 226.

Dimensions

Shell Size	A	B	C	D	E	F	W	L
	±0.38 (.015)	±0.13 (.005)	±0.13 (.005)	±0.13 (.005)	±0.38 (.015)	±0.25 (.010)	±0.41 (.016)	±0.25 (.010)
DD	66.93 (2.635)	52.81 (2.079)	61.11 (2.406)	11.07 (.436)	15.37 (.605)	10.82 (.426)	6.84 (.269)	0.99 (.039)

40 A High Power 90° PCB (Size DD)

Receptacle



Part Numbers with Metal Bracket and Rivnut #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks Without Boardlocks	Part Number With Screw Locks With Boardlocks
DD	24W7	DDMMP24H7SJ	DDMMC24H7SJ	DDMMD24H7SJ	DDMMG24H7SJ
DD	36W4	DDMMP36H4SJ	DDMMC36H4SJ	DDMMD36H4SJ	DDMMG36H4SJ
DD	43W2	DDMMP43H2SJ	DDMMC43H2SJ	DDMMD43H2SJ	DDMMG43H2SJ
DD	47W1	DDMMP47H1SJ	DDMMC47H1SJ	DDMMD47H1SJ	DDMMG47H1SJ

Reader's Resource

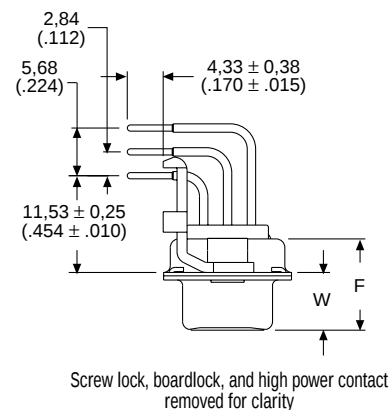
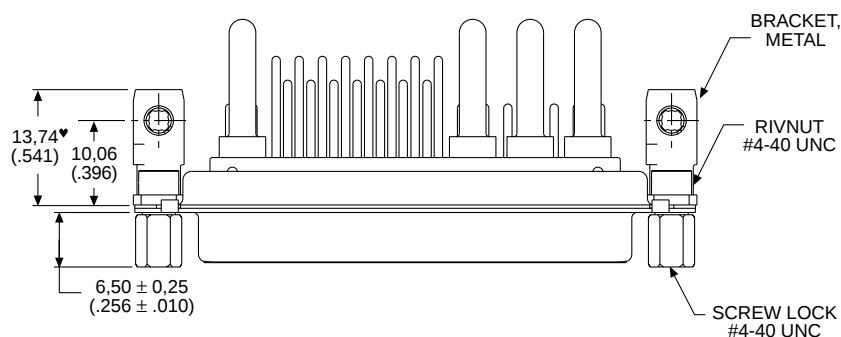
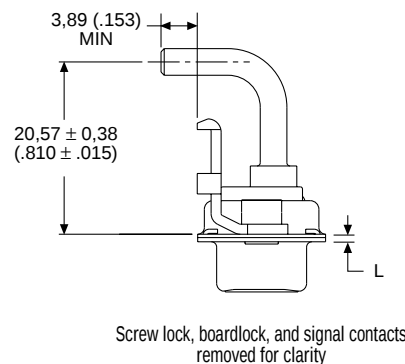
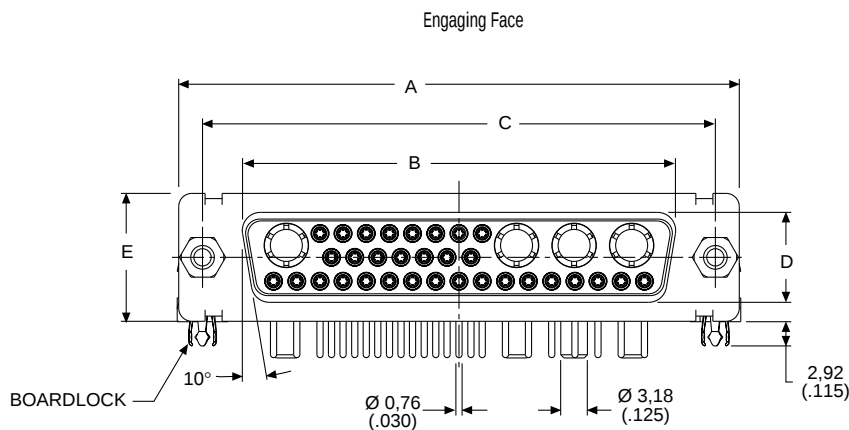
For contact cavity arrangements, see page 223.

For P.C. hole patterns, see page 249.

For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

For alternate bracket configuration (when connectors are supplied without boardlocks), see page 226.



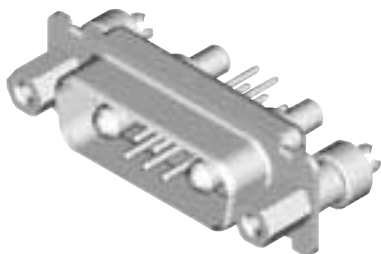
Note: ♥ Dimension varies with alternate bracket configuration, see Reader's Resource page 226.

Dimensions

Shell Size	A	B	C	D	E	F	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,38 (.015)	±0,25 (.010)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	0,76 (.030)

40 A High Power Straight PCB (Sizes DE-DC)

Plug



Reader's Resource

For contact cavity arrangements,
see page 222.

For P.C. hole patterns, see pages 254-255.

For panel cutouts, see page 221.

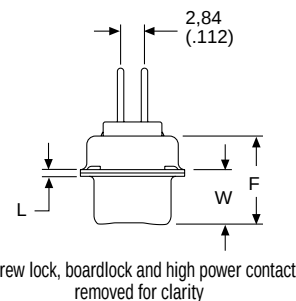
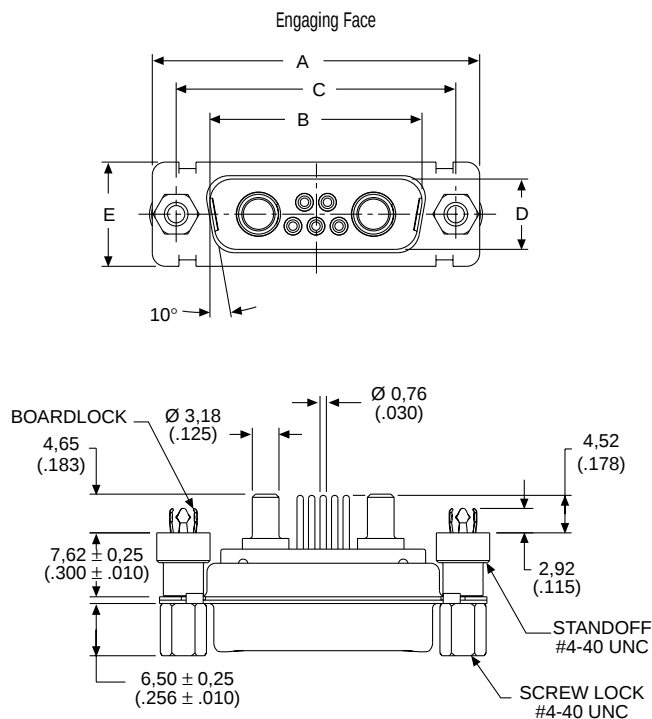
For hardware views (Standard), see page 226.

Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMV5H1PN	DEMMZ5H1PN	DEMMN5H1PN
DA	7W2	DAMMV7H2PN	DAMMZ7H2PN	DAMMN7H2PN
DA	11W1	DAMMV11H1PN	DAMMZ11H1PN	DAMMN11H1PN
DA	3W3	DAMMV3H3PN	DAMMZ3H3PN	DAMMN3H3PN
DA	3WK3♣	DAMMV3HK3PNTM	DAMMZ3HK3PNTM	DAMMN3HK3PNTM
DB	5W5	DBMMV5H5PN	DBMMZ5H5PN	DBMMN5H5PN
DB	9W4	DBMMV9H4PN	DBMMZ9H4PN	DBMMN9H4PN
DB	13W3	DBMMV13H3PN	DBMMZ13H3PN	DBMMN13H3PN
DB	17W2	DBMMV17H2PN	DBMMZ17H2PN	DBMMN17H2PN
DB	21W1	DBMMV21H1PN	DBMMZ21H1PN	DBMMN21H1PN
DC	8W8	DCMMV8H8PN	DCMMZ8H8PN	DCMMN8H8PN
DC	13W6	DCMMV13H6PN	DCMMZ13H6PN	DCMMN13H6PN
DC	17W5	DCMMV17H5PN	DCMMZ17H5PN	DCMMN17H5PN
DC	21WA4	DCMMV21HA4PN	DCMMZ21HA4PN	DCMMN21HA4PN
DC	25W3	DCMMV25H3PN	DCMMZ25H3PN	DCMMN25H3PN
DC	27W2	DCMMV27H2PN	DCMMZ27H2PN	DCMMN27H2PN

Notes: For DD shell sizes, see page 160.

♣ Keyed.

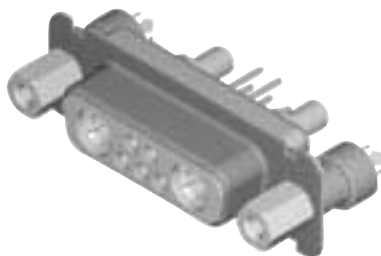


Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

40 A High Power Straight PCB (Sizes DE-DC)

Receptacle



Reader's Resource

For contact cavity arrangements,
see page 223.

For P.C. hole patterns, see pages 257-258.

For panel cutouts, see page 221.

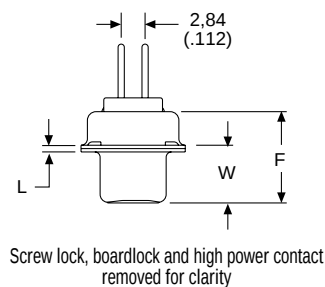
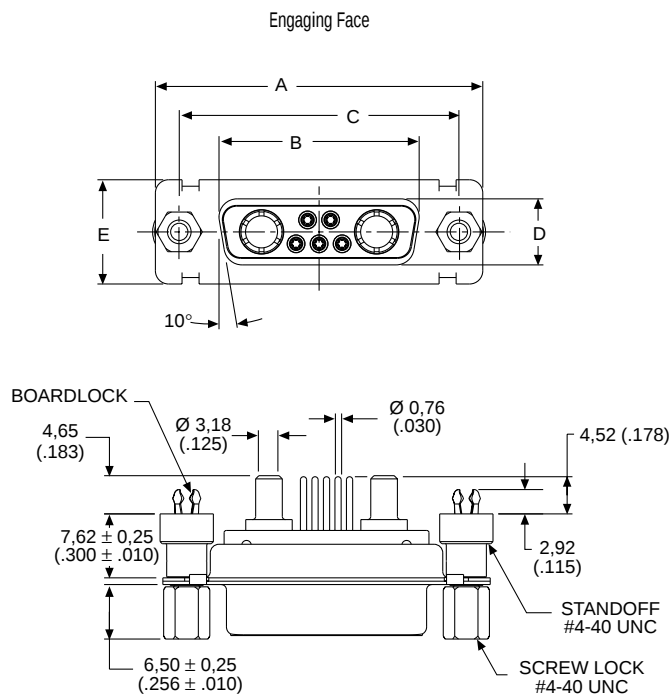
For hardware views (Standard), see page 226.

Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMV5H1SN	DEMMZ5H1SN	DEMMN5H1SN
DA	7W2	DAMMV7H2SN	DAMMZ7H2SN	DAMMN7H2SN
DA	11W1	DAMMV11H1SN	DAMMZ11H1SN	DAMMN11H1SN
DA	3W3	DAMMV3H3SN	DAMMZ3H3SN	DAMMN3H3SN
DA	3WK3♣	DAMMV3HK3SNTM	DAMMZ3HK3SNTM	DAMMN3HK3SNTM
DB	5W5	DBMMV5H5SN	DBMMZ5H5SN	DBMMN5H5SN
DB	9W4	DBMMV9H4SN	DBMMZ9H4SN	DBMMN9H4SN
DB	13W3	DBMMV13H3SN	DBMMZ13H3SN	DBMMN13H3SN
DB	17W2	DBMMV17H2SN	DBMMZ17H2SN	DBMMN17H2SN
DB	21W1	DBMMV21H1SN	DBMMZ21H1SN	DBMMN21H1SN
DC	8W8	DCMMV8H8SN	DCMMZ8H8SN	DCMMN8H8SN
DC	13W6	DCMMV13H6SN	DCMMZ13H6SN	DCMMN13H6SN
DC	17W5	DCMMV17H5SN	DCMMZ17H5SN	DCMMN17H5SN
DC	21WA4	DCMMV21HA4SN	DCMMZ21HA4SN	DCMMN21HA4SN
DC	25W3	DCMMV25H3SN	DCMMZ25H3SN	DCMMN25H3SN
DC	27W2	DCMMV27H2SN	DCMMZ27H2SN	DCMMN27H2SN

Notes: For DD shell sizes, see page 161.

♣ Keyed.

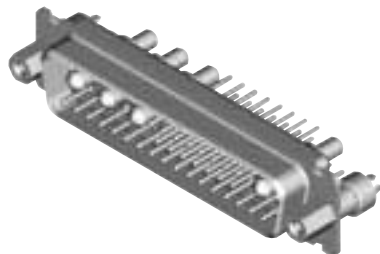


Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	L ±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)

40 A High Power Straight PCB (Size DD)

Plug

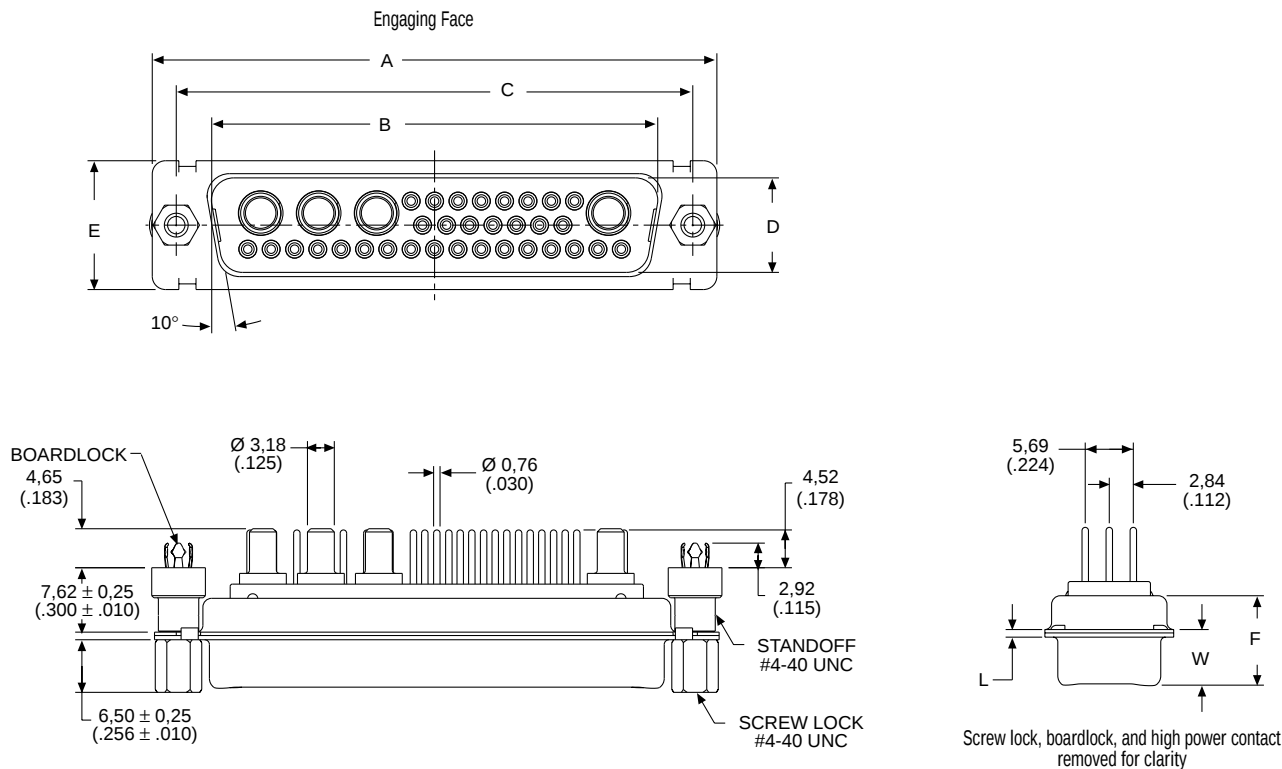


Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number	Part Number	Part Number
		Without Screw Locks Without Boardlocks	Without Screw Locks With Boardlocks	With Screw Locks With Boardlocks
DD	24W7	DDMMV24H7PN	DDMMZ24H7PN	DDMMN24H7PN
DD	36W4	DDMMV36H4PN	DDMMZ36H4PN	DDMMN36H4PN
DD	43W2	DDMMV43H2PN	DDMMZ43H2PN	DDMMN43H2PN
DD	47W1	DDMMV47H1PN	DDMMZ47H1PN	DDMMN47H1PN

Reader's Resource

- For contact cavity arrangements, see page 222.
- For P.C. hole patterns, see page 256.
- For panel cutouts, see page 221.
- For hardware views (Standard), see page 226.

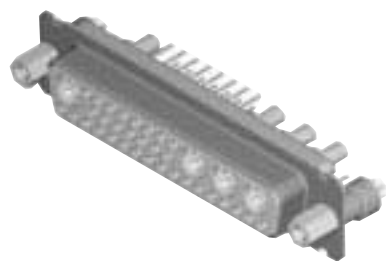


Dimensions

	A	B	C	D	E	F	W	L
Shell Size	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,41 (.016)	±0,25 (.010)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	6,84 (.269)	0,99 (.039)

40 A High Power Straight PCB (Size DD)

Receptacle

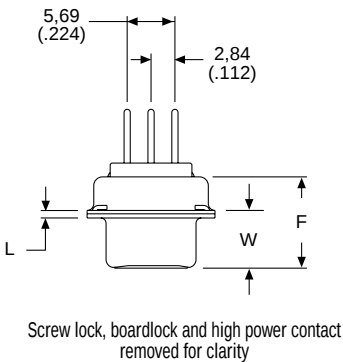
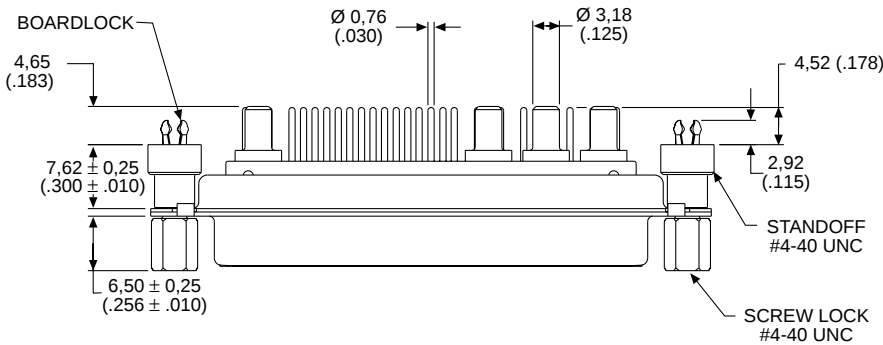
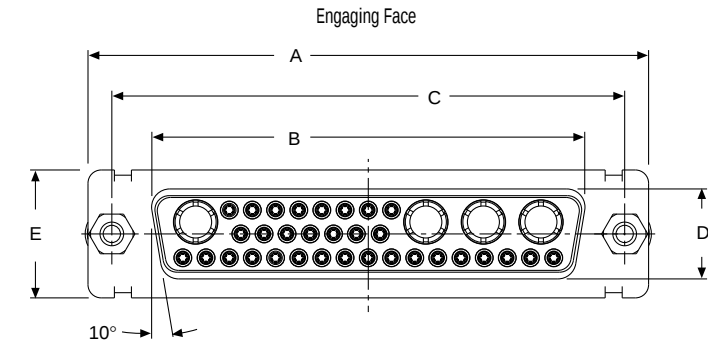


Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number	Part Number	Part Number
		Without Screw Locks Without Boardlocks	Without Screw Locks With Boardlocks	With Screw Locks With Boardlocks
DD	24W7	DDMMV24H7SN	DDMMZ24H7SN	DDMMN24H7SN
DD	36W4	DDMMV36H4SN	DDMMZ36H4SN	DDMMN36H4SN
DD	43W2	DDMMV43H2SN	DDMMZ43H2SN	DDMMN43H2SN
DD	47W1	DDMMV47H1SN	DDMMZ47H1SN	DDMMN47H1SN

Reader's Resource

- For contact cavity arrangements, see page 223.
- For P.C. hole patterns, see page 259.
- For panel cutouts, see page 221.
- For hardware views (Standard), see page 226.

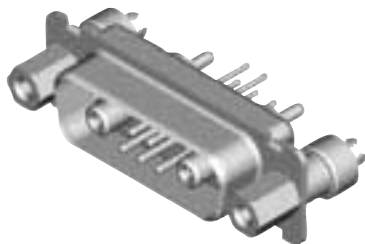


Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	L ±0,25 (.010)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	0,76 (.030)

High Voltage Straight PCB (Sizes DE-DC)

Plug



Reader's Resource

For contact cavity arrangements,
see page 222.

For P.C. hole patterns, see pages 254-255.

For panel cutouts, see page 221.

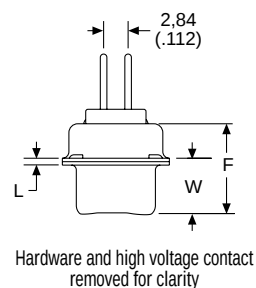
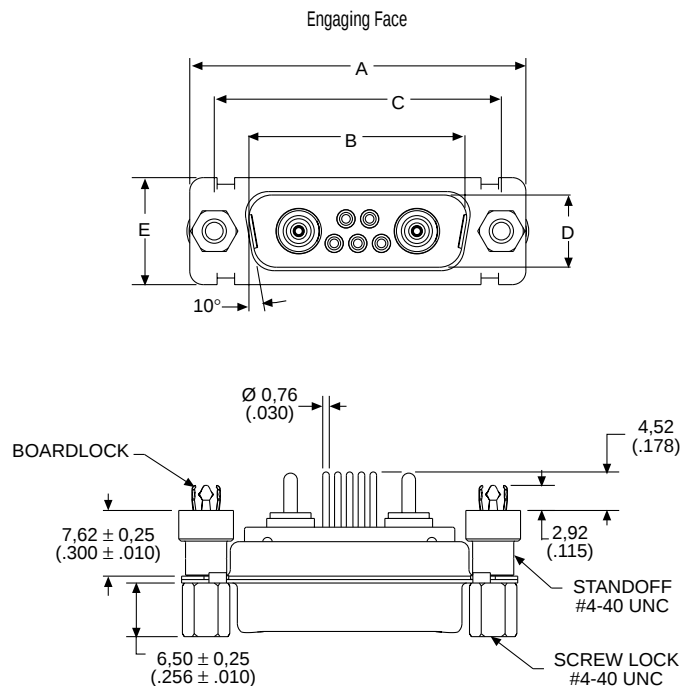
For hardware views (Standard), see page 226.

Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMV5V1PN	DEMMZ5V1PN	DEMMN5V1PN
DA	7W2	DAMMV7V2PN	DAMMZ7V2PN	DAMMN7V2PN
DA	11W1	DAMMV11V1PN	DAMMZ11V1PN	DAMMN11V1PN
DA	3W3	DAMMV3V3PN	DAMMZ3V3PN	DAMMN3V3PN
DA	3WK3♣	DAMMV3VK3PNTM	DAMMZ3VK3PNTM	DAMMN3VK3PNTM
DB	5W5	DBMMV5V5PN	DBMMZ5V5PN	DBMMN5V5PN
DB	9W4	DBMMV9V4PN	DBMMZ9V4PN	DBMMN9V4PN
DB	13W3	DBMMV13V3PN	DBMMZ13V3PN	DBMMN13V3PN
DB	17W2	DBMMV17V2PN	DBMMZ17V2PN	DBMMN17V2PN
DB	21W1	DBMMV21V1PN	DBMMZ21V1PN	DBMMN21V1PN
DC	8W8	DCMMV8V8PN	DCMMZ8V8PN	DCMMN8V8PN
DC	13W6	DCMMV13V6PN	DCMMZ13V6PN	DCMMN13V6PN
DC	17W5	DCMMV17V5PN	DCMMZ17V5PN	DCMMN17V5PN
DC	21WA4	DCMMV21VA4PN	DCMMZ21VA4PN	DCMMN21VA4PN
DC	25W3	DCMMV25V3PN	DCMMZ25V3PN	DCMMN25V3PN
DC	27W2	DCMMV27V2PN	DCMMZ27V2PN	DCMMN27V2PN

Notes: For DD shell size, see page 164.

♣ Keyed.

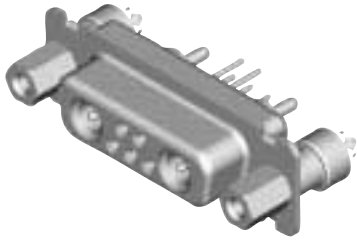


Dimensions

Plug Shell Size	A	B	C	D	E	F	W	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,37 (.015)	±0,41 (.016)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,69 (.264)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,69 (.264)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

High Voltage Straight PCB (Sizes DE-DC)

Receptacle



Reader's Resource

For contact cavity arrangements,
see page 223.

For P.C. hole patterns, see pages 257-258.

For panel cutouts, see page 221.

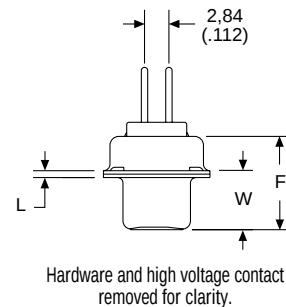
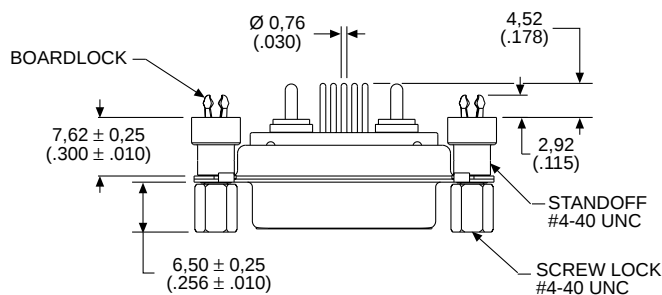
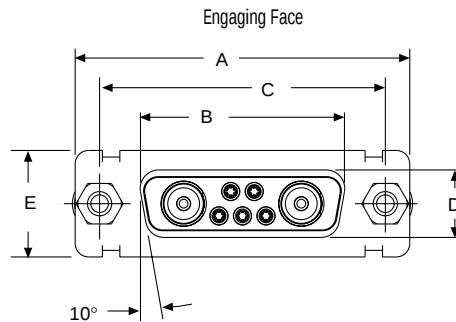
For hardware views (Standard), see page 226.

Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEMMV5V1SN	DEMMZ5V1SN	DEMMN5V1SN
DA	7W2	DAMMV7V2SN	DAMMZ7V2SN	DAMMN7V2SN
DA	11W1	DAMMV11V1SN	DAMMZ11V1SN	DAMMN11V1SN
DA	3W3	DAMMV3V3SN	DAMMZ3V3SN	DAMMN3V3SN
DA	3WK3♣	DAMMV3VK3SNTM	DAMMZ3VK3SNTM	DAMMN3VK3SNTM
DB	5W5	DBMMV5V5SN	DBMMZ5V5SN	DBMMN5V5SN
DB	9W4	DBMMV9V4SN	DBMMZ9V4SN	DBMMN9V4SN
DB	13W3	DBMMV13V3SN	DBMMZ13V3SN	DBMMN13V3SN
DB	17W2	DBMMV17V2SN	DBMMZ17V2SN	DBMMN17V2SN
DB	21W1	DBMMV21V1SN	DBMMZ21V1SN	DBMMN21V1SN
DC	8W8	DCMMV8V8SN	DCMMZ8V8SN	DCMMN8V8SN
DC	13W6	DCMMV13V6SN	DCMMZ13V6SN	DCMMN13V6SN
DC	17W5	DCMMV17V5SN	DCMMZ17V5SN	DCMMN17V5SN
DC	21WA4	DCMMV21VA4SN	DCMMZ21VA4SN	DCMMN21VA4SN
DC	25W3	DCMMV25V3SN	DCMMZ25V3SN	DCMMN25V3SN
DC	27W2	DCMMV27V2SN	DCMMZ27V2SN	DCMMN27V2SN

Notes: For DD shell size, see page 165.

♣ Keyed.

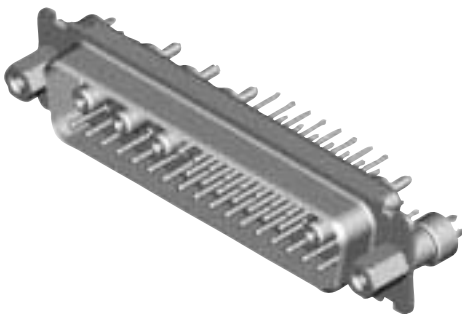


Dimensions

Receptacle Shell Size	A	B	C	D	E	F	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,38 (.015)	±0,25 (.010)
DE	30,81 (1.213)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	0,76 (.030)

High Voltage Straight PCB (Size DD)

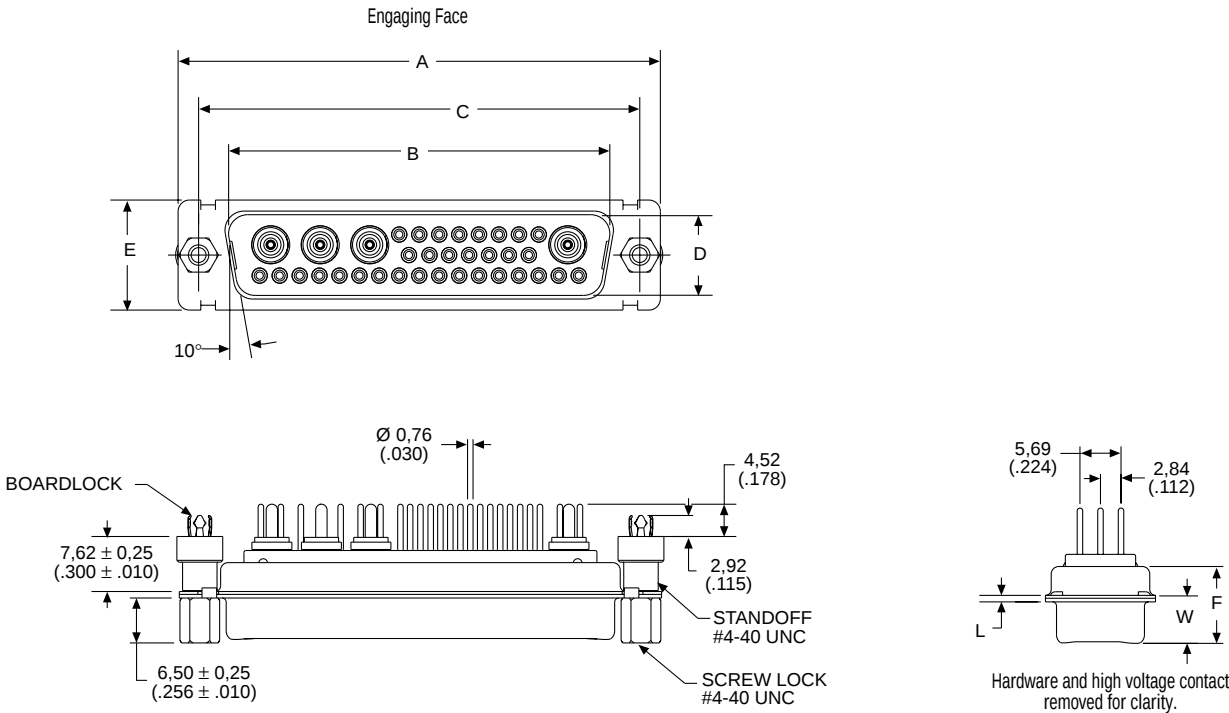
Plug



Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number		
		Without Screw Locks Without Boardlocks	Without Screw Locks With Boardlocks	With Screw Locks With Boardlocks
DD	24W7	DDMMV24V7PN	DDMMZ24V7PN	DDMMN24V7PN
DD	36W4	DDMMV36V4PN	DDMMZ36V4PN	DDMMN36V4PN
DD	43W2	DDMMV43V2PN	DDMMZ43V2PN	DDMMN43V2PN
DD	47W1	DDMMV47V1PN	DDMMZ47V1PN	DDMMN47V1PN

Reader's Resource
For contact cavity arrangements,
see page 222.
For P.C. hole patterns, see page 256.
For panel cutouts, see page 221.
For hardware views (Standard), see page 226.

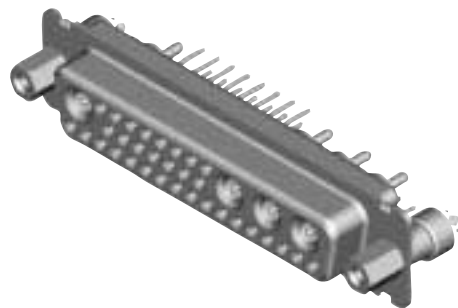


Dimensions

Plug Shell Size	A	B	C	D	E	F	W	L
	$\pm 0,38$ (.015)	$\pm 0,13$ (.005)	$\pm 0,13$ (.005)	$\pm 0,13$ (.005)	$\pm 0,38$ (.015)	$\pm 0,25$ (.010)	$\pm 0,41$ (.016)	$\pm 0,25$ (.010)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	6,84 (.269)	0,99 (.039)

High Voltage Straight PCB (Size DD)

Receptacle

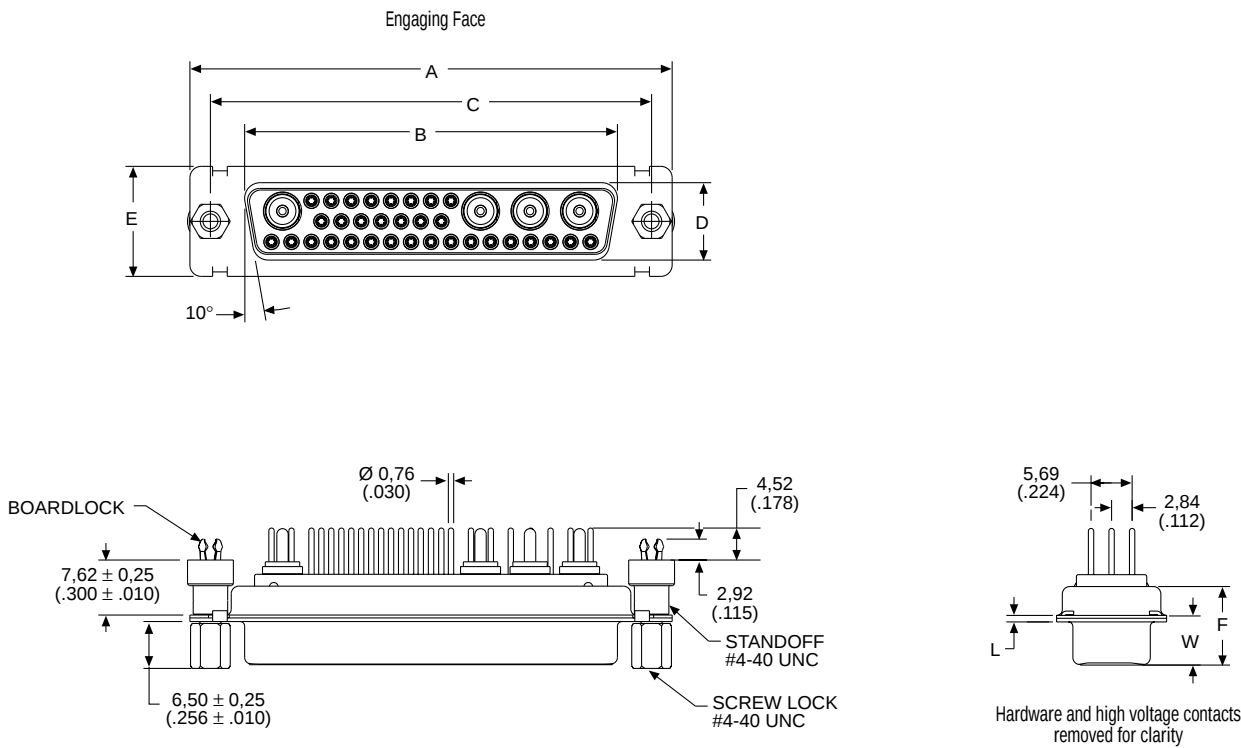


Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number		Part Number With Screw Locks With Boardlocks
		Without Screw Locks Without Boardlocks	Without Screw Locks With Boardlocks	
DD	24W7	DDMMV24V7SN	DDMMZ24V7SN	DDMMN24V7SN
DD	36W4	DDMMV36V4SN	DDMMZ36V4SN	DDMMN36V4SN
DD	43W2	DDMMV43V2SN	DDMMZ43V2SN	DDMMN43V2SN
DD	47W1	DDMMV47V1SN	DDMMZ47V1SN	DDMMN47V1SN

Reader's Resource

- For contact cavity arrangements, see page 223.
- For P.C. hole patterns, see page 259.
- For panel cutouts, see page 221.
- For hardware views (Standard), see page 226.



Dimensions

Receptacle Shell Size	A	B	C	D	E	F	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,38 (.015)	±0,25 (.010)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	0,76 (.030)

Cable Solder Cup

Plug



Reader's Resource

For contact cavity arrangements,
see page 222.

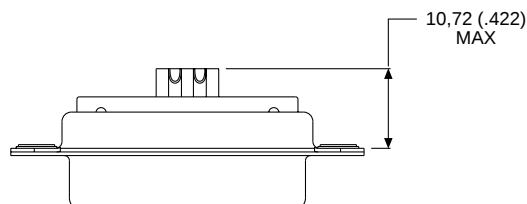
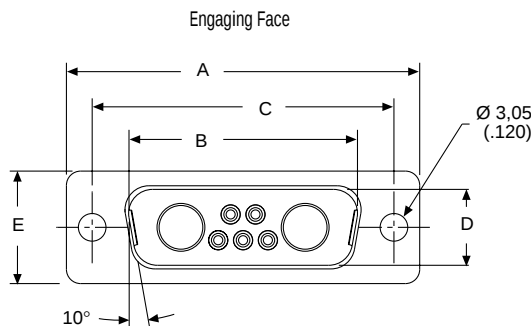
For panel cutouts, see page 221.

For hardware views (Standard), see page 226.

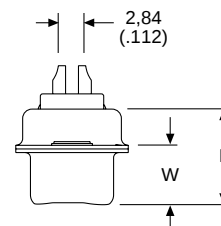
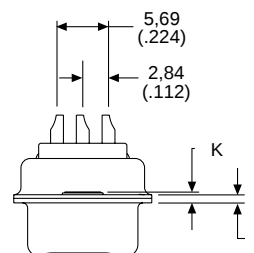
Part Numbers

Shell Size	Layout	Through Hole	Dual Float Mount	Clinch Nut #4-40 UNC
DE	5W1	DEMM5W1P	DEMMY5W1P	DEMME5W1P
DA	7W2	DAMM7W2P	DAMMY7W2P	DAMME7W2P
DA	11W1	DAMM11W1P	DAMMY11W1P	DAMME11W1P
DA	3W3	DAMM3W3P	DAMMY3W3P	DAMME3W3P
DA	3WK3♣	DAMM3WK3P	DAMMY3WK3P	DAMME3WK3P
DB	5W5	DBMM5W5P	DBMMY5W5P	DBMME5W5P
DB	9W4	DBMM9W4P	DBMMY9W4P	DBMME9W4P
DB	13W3	DBMM13W3P	DBMMY13W3P	DBMME13W3P
DB	17W2	DBMM17W2P	DBMMY17W2P	DBMME17W2P
DB	21W1	DBMM21W1P	DBMMY21W1P	DBMME21W1P
DC	8W8	DCMM8W8P	DCMMY8W8P	DCMME8W8P
DC	13W6	DCMM13W6P	DCMMY13W6P	DCMME13W6P
DC	17W5	DCMM17W5P	DCMMY17W5P	DCMME17W5P
DC	21WA4	DCMM21WA4P	DCMMY21WA4P	DCMME21WA4P
DC	25W3	DCMM25W3P	DCMMY25W3P	DCMME25W3P
DC	27W2	DCMM27W2P	DCMMY27W2P	DCMME27W2P
DD	24W7	DDMM24W7P	DDMMY24W7P	DDMME24W7P
DD	36W4	DDMM36W4P	DDMMY36W4P	DDMME36W4P
DD	43W2	DDMM43W2P	DDMMY43W2P	DDMME43W2P
DD	47W1	DDMM47W1P	DDMMY47W1P	DDMME47W1P

Note: ♣ Keyed.



DD Configuration



Dimensions

Shell Size	A	B	C	D	E	F	W	W	K	K	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,368 (.0145)	±0,41 (.016)	±0,317 (.0125)	±0,25 (.010)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)

Cable Solder Cup

Receptacle



Part Numbers

Shell Size	Layout	Through Hole	Dual Float Mount	Clinch Nut #4-40 UNC
DE	5W1	DEMM5W1S	DEMMY5W1S	DEMME5W1S
DA	7W2	DAMM7W2S	DAMMY7W2S	DAMME7W2S
DA	11W1	DAMM11W1S	DAMMY11W1S	DAMME11W1S
DA	3W3	DAMM3W3S	DAMMY3W3S	DAMME3W3S
DA	3WK3♣	DAMM3WK3S	DAMMY3WK3S	DAMME3WK3S
DB	5W5	DBMM5W5S	DBMMY5W5S	DBMME5W5S
DB	9W4	DBMM9W4S	DBMMY9W4S	DBMME9W4S
DB	13W3	DBMM13W3S	DBMMY13W3S	DBMME13W3S
DB	17W2	DBMM17W2S	DBMMY17W2S	DBMME17W2S
DB	21W1	DBMM21W1S	DBMMY21W1S	DBMME21W1S
DC	8W8	DCMM8W8S	DCMMY8W8S	DCMME8W8S
DC	13W6	DCMM13W6S	DCMMY13W6S	DCMME13W6S
DC	17W5	DCMM17W5S	DCMMY17W5S	DCMME17W5S
DC	21WA4	DCMM21WA4S	DCMMY21WA4S	DCMME21WA4S
DC	25W3	DCMM25W3S	DCMMY25W3S	DCMME25W3S
DC	27W2	DCMM27W2S	DCMMY27W2S	DCMME27W2S
DD	24W7	DCMM24W7S	DCMMY24W7S	DCMME24W7S
DD	36W4	DCMM36W4S	DCMMY36W4S	DCMME36W4S
DD	43W2	DCMM43W2S	DCMMY43W2S	DCMME43W2S
DD	47W1	DCMM47W1S	DCMMY47W1S	DCMME47W1S

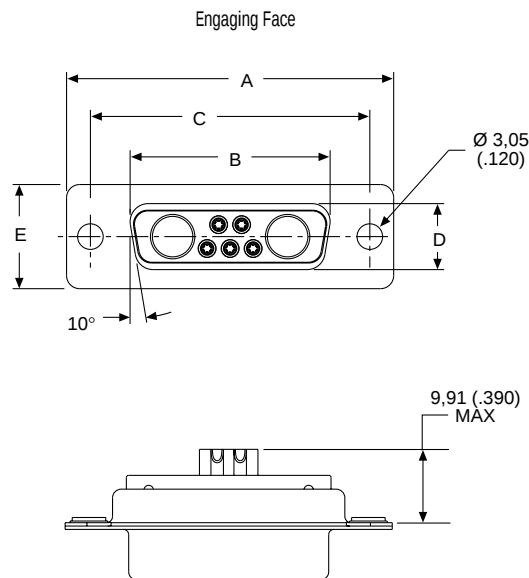
Note: ♣ Keyed.

Reader's Resource

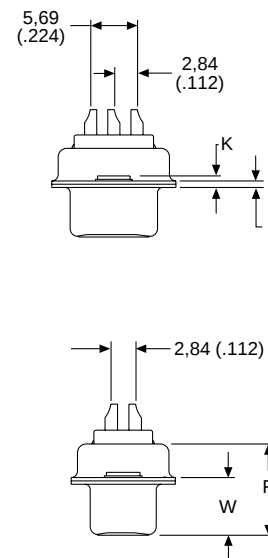
For contact cavity arrangements, see page 223.

For panel cutouts, see page 221.

For hardware views (Standard), see page 226.



DD Configuration



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,38 (.015)	K ±0,318 (.0125)	L ±0,25 (.010)
DE	30,81 (1.123)	16,33 (.643)	24,99 (.984)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DA	39,14 (1.541)	24,66 (.971)	33,32 (1.312)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DB	53,04 (2.088)	38,38 (1.511)	47,04 (1.852)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DC	69,32 (2.729)	54,84 (2.159)	63,50 (2.500)	7,90 (.311)	12,55 (.494)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)
DD	66,93 (2.635)	52,42 (2.064)	61,11 (2.406)	10,74 (.423)	15,37 (.605)	10,90 (.429)	6,94 (.273)	1,206 (.0475)	0,76 (.030)