

40 A High Power Straight — Standard PC Tails (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.

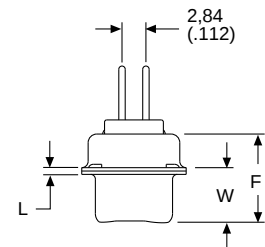
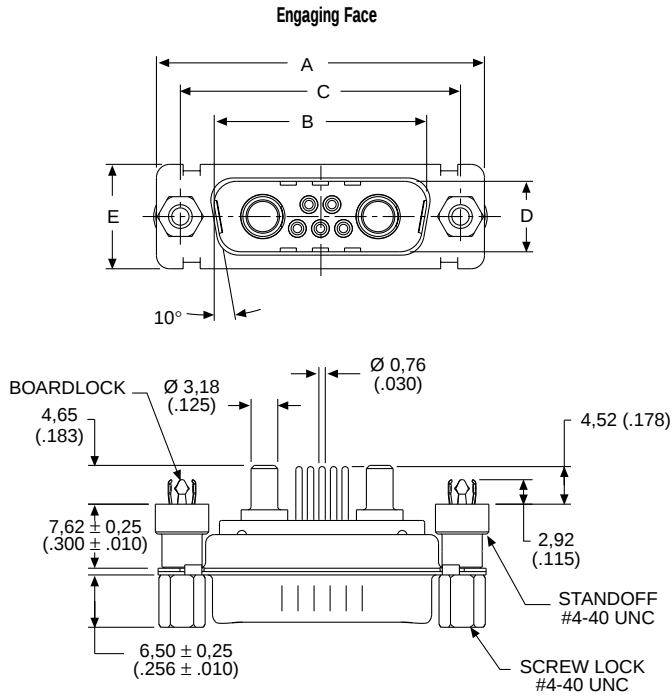
Part Numbers with Standoff #4-40 UNC

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	DEM5H1PNK87	DEM25H1PNK87	DEMN5H1PNK87
DA	7W2	DAMV7H2PNK87	DAMZ7H2PNK87	DAMN7H2PNK87
DA	11W1	DAMV11H1PNK87	DAMZ11H1PNK87	DAMN11H1PNK87
DA	3W3	DAMV3H3PNK87	DAMZ3H3PNK87	DAMN3H3PNK87
DA	3WK3♣	DAMV3HK3PNK87TM	DAMZ3HK3PNK87TM	DAMN3HK3PNK87TM
DB	5W5	DBMV5H5PNK87	DBMZ5H5PNK87	DBMN5H5PNK87
DB	9W4	DBMV9H4PNK87	DBMZ9H4PNK87	DBMN9H4PNK87
DB	13W3	DBMV13H3PNK87	DBMZ13H3PNK87	DBMN13H3PNK87
DB	17W2	DBMV17H2PNK87	DBMZ17H2PNK87	DBMN17H2PNK87
DB	21W1	DBMV21H1PNK87	DBMZ21H1PNK87	DBMN21H1PNK87
DC	8W8	DCMV8H8PNK87	DCMZ8H8PNK87	DCMN8H8PNK87
DC	13W6	DCMV13H6PNK87	DCMZ13H6PNK87	DCMN13H6PNK87
DC	17W5	DCMV17H5PNK87	DCMZ17H5PNK87	DCMN17H5PNK87
DC	21WA4	DCMV21HA4PNK87	DCMZ21HA4PNK87	DCMN21HA4PNK87
DC	25W3	DCMV25H3PNK87	DCMZ25H3PNK87	DCMN25H3PNK87
DC	27W2	DCMV27H2PNK87	DCMZ27H2PNK87	DCMN27H2PNK87

Note: For contacts with 30 microinches gold substitute K127 for K87. Example: DEMV5H1PNK127

For DD shell sizes, see page 68.

♣ Keyed.



Screw lock, boardlock and high power 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 ±0.368 (.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 — Standard PC Tails (Sizes DE-DC)

Receptacle



Reader's Resource

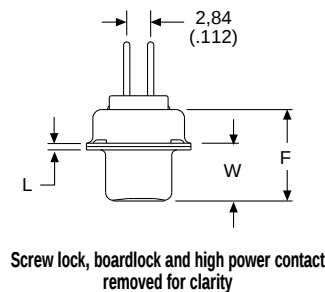
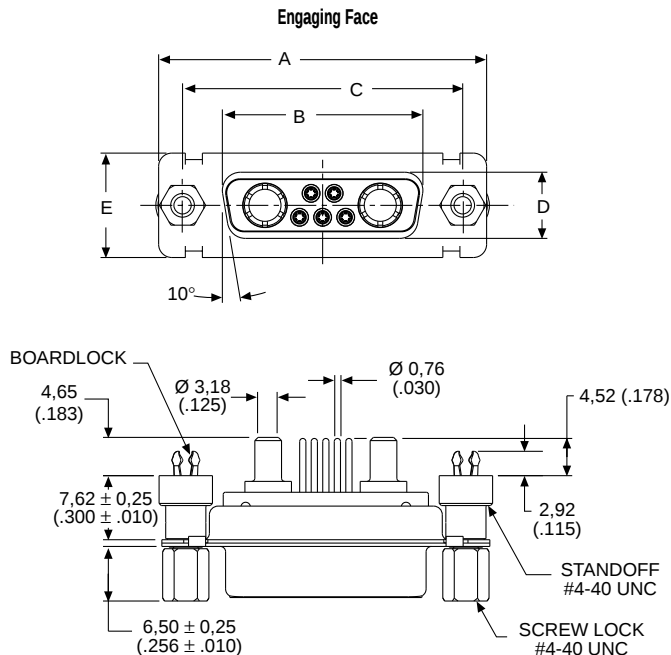
For contact cavity arrangements, see page 223.
For P.C. hole patterns, see pages 257-258.
For panel cutouts, see page 221.

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	DEMV5H1SNA197	DEMZ5H1SNA197	DEMN5H1SNA197
DA	7W2	DAMV7H2SNA197	DAMZ7H2SNA197	DAMN7H2SNA197
DA	11W1	DAMV11H1SNA197	DAMZ11H1SNA197	DAMN11H1SNA197
DA	3W3	DAMV3H3SNA197	DAMZ3H3SNA197	DAMN3H3SNA197
DA	3WK3♣	DAMV3HK3SNA197TM	DAMZ3HK3SNA197TM	DAMN3HK3SNA197TM
DB	5W5	DBMV5H5SNA197	DBMZ5H5SNA197	DBMN5H5SNA197
DB	9W4	DBMV9H4SNA197	DBMZ9H4SNA197	DBMN9H4SNA197
DB	13W3	DBMV13H3SNA197	DBMZ13H3SNA197	DBMN13H3SNA197
DB	17W2	DBMV17H2SNA197	DBMZ17H2SNA197	DBMN17H2SNA197
DB	21W1	DBMV21H1SNA197	DBMZ21H1SNA197	DBMN21H1SNA197
DC	8W8	DCMV8H8SNA197	DCMZ8H8SNA197	DCMN8H8SNA197
DC	13W6	DCMV13H6SNA197	DCMZ13H6SNA197	DCMN13H6SNA197
DC	17W5	DCMV17H5SNA197	DCMZ17H5SNA197	DCMN17H5SNA197
DC	21WA4	DCMV21HA4SNA197	DCMZ21HA4SNA197	DCMN21HA4SNA197
DC	25W3	DCMV25H3SNA197	DCMZ25H3SNA197	DCMN25H3SNA197
DC	27W2	DCMV27H2SNA197	DCMZ27H2SNA197	DCMN27H2SNA197

Note: For contacts with 30 microinches gold substitute K126 for A197. Example: DEMV5H1SNK126
For DD shell sizes, see page 69.

♣ 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 — Standard PC Tails (Size DD)

Plug



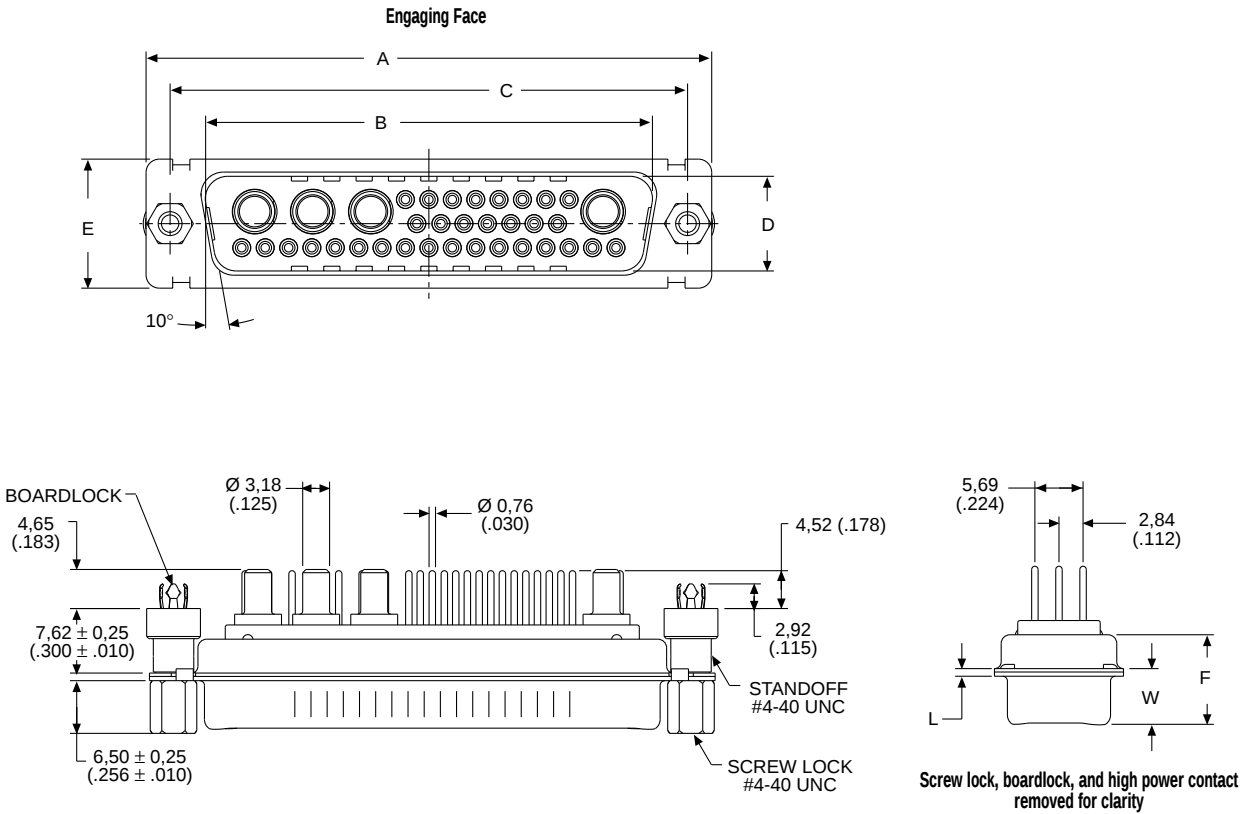
Part Numbers with Standoff #4-40 UNC

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	DDMV24H7PNK87	DDMZ24H7PNK87	DDMN24H7PNK87
DD	36W4	DDMV36H4PNK87	DDMZ36H4PNK87	DDMN36H4PNK87
DD	43W2	DDMV43H2PNK87	DDMZ43H2PNK87	DDMN43H2PNK87
DD	47W1	DDMV47H1PNK87	DDMZ47H1PNK87	DDMN47H1PNK87

Note: For contacts with 30 microinches gold substitute K127 for K87. Example: DDMV24H7PNK127

Reader's Resource

For contact cavity arrangements, see page 222.
For P.C. hole patterns, see page 256.
For panel cutouts, see page 221.



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)

40 A High Power Straight — Standard PC Tails (Size DD)

Receptacle



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	DDMV24H7SNA197	DDMZ24H7SNA197	DDMN24H7SNA197
DD	36W4	DDMV36H4SNA197	DDMZ36H4SNA197	DDMN36H4SNA197
DD	43W2	DDMV43H2SNA197	DDMZ43H2SNA197	DDMN43H2SNA197
DD	47W1	DDMV47H1SNA197	DDMZ47H1SNA197	DDMN47H1SNA197

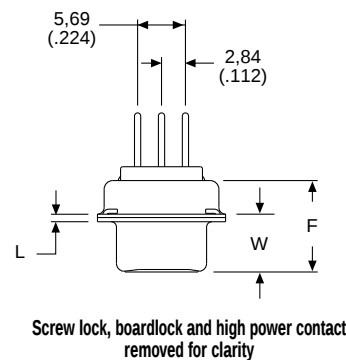
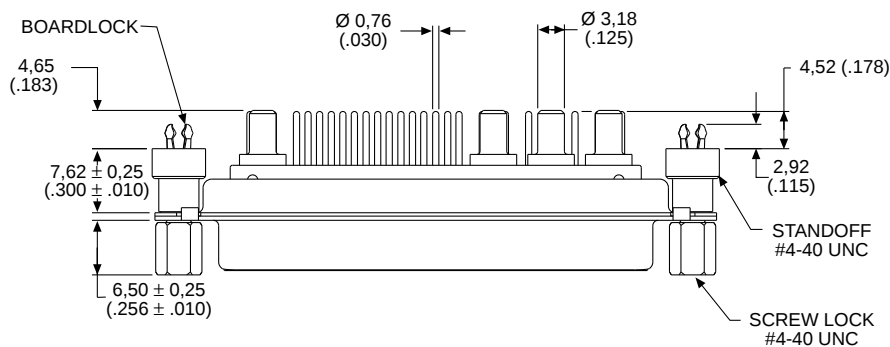
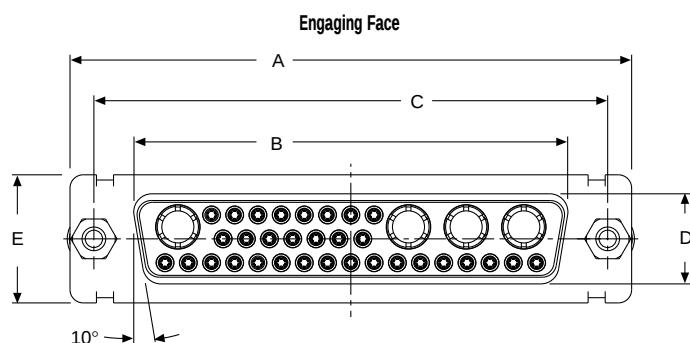
Note: For contacts with 30 microinches gold substitute K126 for A197. Example: DDMV24H7SNK126

Reader's Resource

For contact cavity arrangements, see page 223.

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

For panel cutouts, see page 221.



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 Straight — European PC Tails (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.

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	DEM5H1PYK87	DEM5H1PYK87	DEM5H1PYK87
DA	7W2	DAMV7H2PYK87	DAMZ7H2PYK87	DAMN7H2PYK87
DA	11W1	DAMV11H1PYK87	DAMZ11H1PYK87	DAMN11H1PYK87
DA	3W3	DAMV3H3PYK87	DAMZ3H3PYK87	DAMN3H3PYK87
DA	3WK3♣	DAMV3HK3PYK87TM	DAMZ3HK3PYK87TM	DAMN3HK3PYK87TM
DB	5W5	DBMV5H5PYK87	DBMZ5H5PYK87	DBMN5H5PYK87
DB	9W4	DBMV9H4PYK87	DBMZ9H4PYK87	DBMN9H4PYK87
DB	13W3	DBMV13H3PYK87	DBMZ13H3PYK87	DBMN13H3PYK87
DB	17W2	DBMV17H2PYK87	DBMZ17H2PYK87	DBMN17H2PYK87
DB	21W1	DBMV21H1PYK87	DBMZ21H1PYK87	DBMN21H1PYK87
DC	8W8	DCMV8H8PYK87	DCMZ8H8PYK87	DCMN8H8PYK87
DC	13W6	DCMV13H6PYK87	DCMZ13H6PYK87	DCMN13H6PYK87
DC	17W5	DCMV17H5PYK87	DCMZ17H5PYK87	DCMN17H5PYK87
DC	21WA4	DCMV21HA4PYK87	DCMZ21HA4PYK87	DCMN21HA4PYK87
DC	25W3	DCMV25H3PYK87	DCMZ25H3PYK87	DCMN25H3PYK87
DC	27W2	DCMV27H2PYK87	DCMZ27H2PYK87	DCMN27H2PYK87

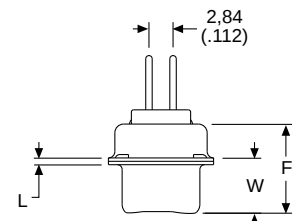
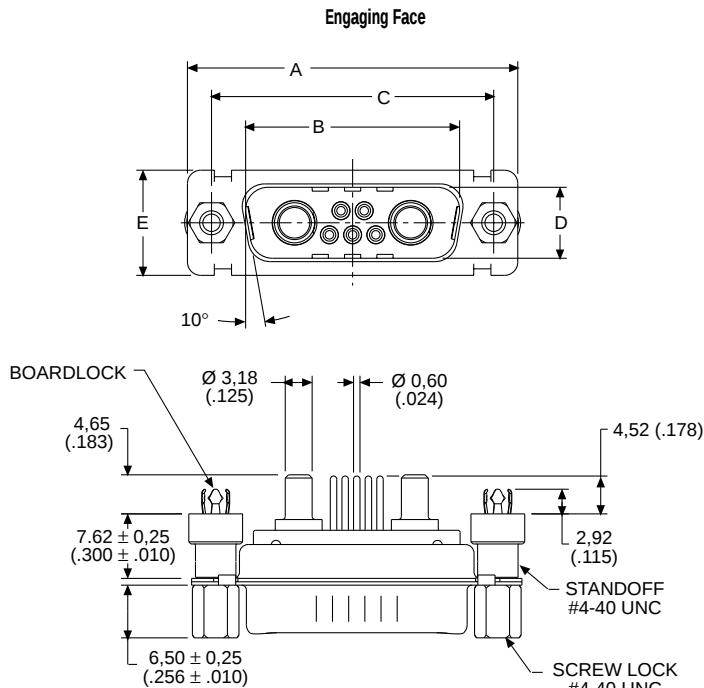
For M3 threads replace MV with MT, MZ with MQ, MN with MU.

Notes: For tin plated PC tails add A226 (signal contacts only). Example: DEMV5H1PYK87A226

For performance class 2 substitute K127 for K87. Example: DEMV5H1PYK127

For DD shell sizes, see page 72.

♣ Keyed.



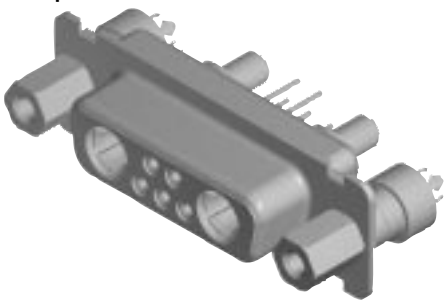
Screw lock, boardlock, and high power contact removed for clarity

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 ±0,368 (.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 — European PC Tails (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.

Part Numbers with Standoff #4-40 UNC

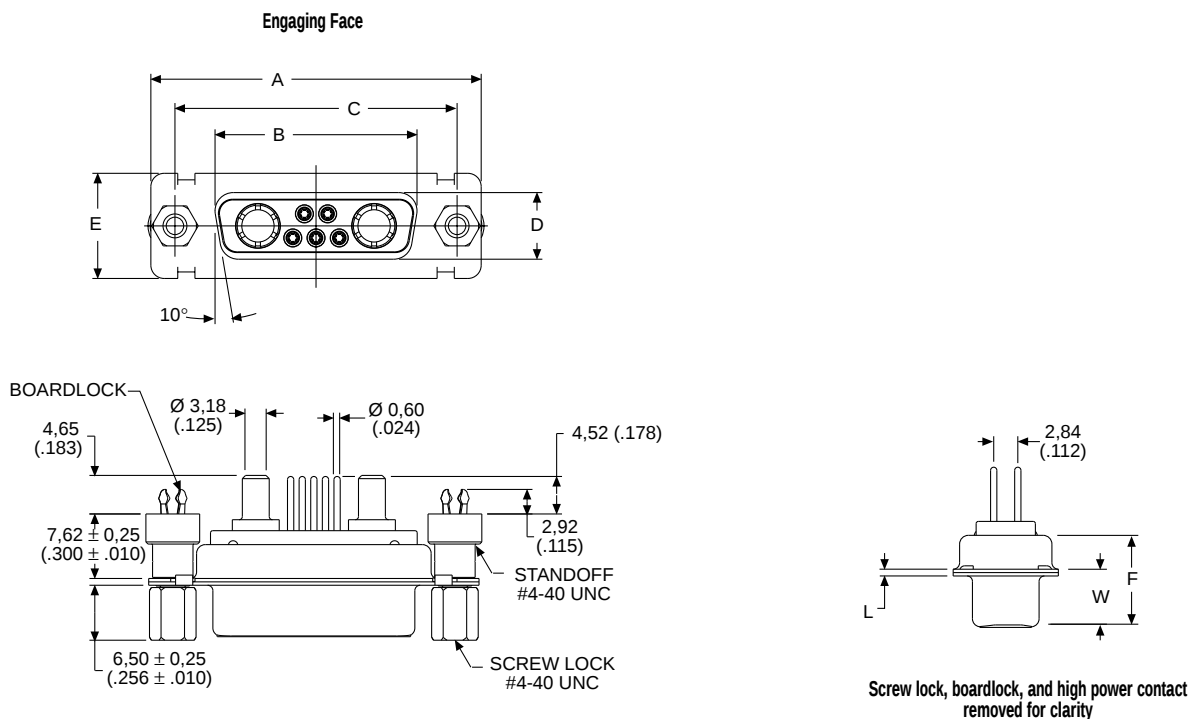
Shell Size	Layout	Part Number Without Screw Locks Without Boardlocks	Part Number Without Screw Locks With Boardlocks	Part Number With Screw Locks With Boardlocks
DE	5W1	DEM5H1SYA197	DEM5H1SYA197	DEM5H1SYA197
DA	7W2	DAMV7H2SYA197	DAMZ7H2SYA197	DAMN7H2SYA197
DA	11W1	DAMV11H1SYA197	DAMZ11H1SYA197	DAMN11H1SYA197
DA	3W3	DAMV3H3SYA197	DAMZ3H3SYA197	DAMN3H3SYA197
DA	3WK3♣	DAMV3HK3SYA197TM	DAMZ3HK3SYA197TM	DAMN3HK3SYA197TM
DB	5W5	DBMV5H5SYA197	DBMZ5H5SYA197	DBMN5H5SYA197
DB	9W4	DBMV9H4SYA197	DBMZ9H4SYA197	DBMN9H4SYA197
DB	13W3	DBMV13H3SYA197	DBMZ13H3SYA197	DBMN13H3SYA197
DB	17W2	DBMV17H2SYA197	DBMZ17H2SYA197	DBMN17H2SYA197
DB	21W1	DBMV21H1SYA197	DBMZ21H1SYA197	DBMN21H1SYA197
DC	8W8	DCMV8H8SYA197	DCMZ8H8SYA197	DCMN8H8SYA197
DC	13W6	DCMV13H6SYA197	DCMZ13H6SYA197	DCMN13H6SYA197
DC	17W5	DCMV17H5SYA197	DCMZ17H5SYA197	DCMN17H5SYA197
DC	21WA4	DCMV21HA4SYA197	DCMZ21HA4SYA197	DCMN21HA4SYA197
DC	25W3	DCMV25H3SYA197	DCMZ25H3SYA197	DCMN25H3SYA197
DC	27W2	DCMV27H2SYA197	DCMZ27H2SYA197	DCMN27H2SYA197

For M3 threads replace MV with MT, MZ with MQ, MN with MU.

Notes: For performance class 2 substitute K126 for A197. Example: DEMV5H1SYK126

For DD shell sizes, see page 73.

♣ 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 — European PC Tails (Size DD)

Plug



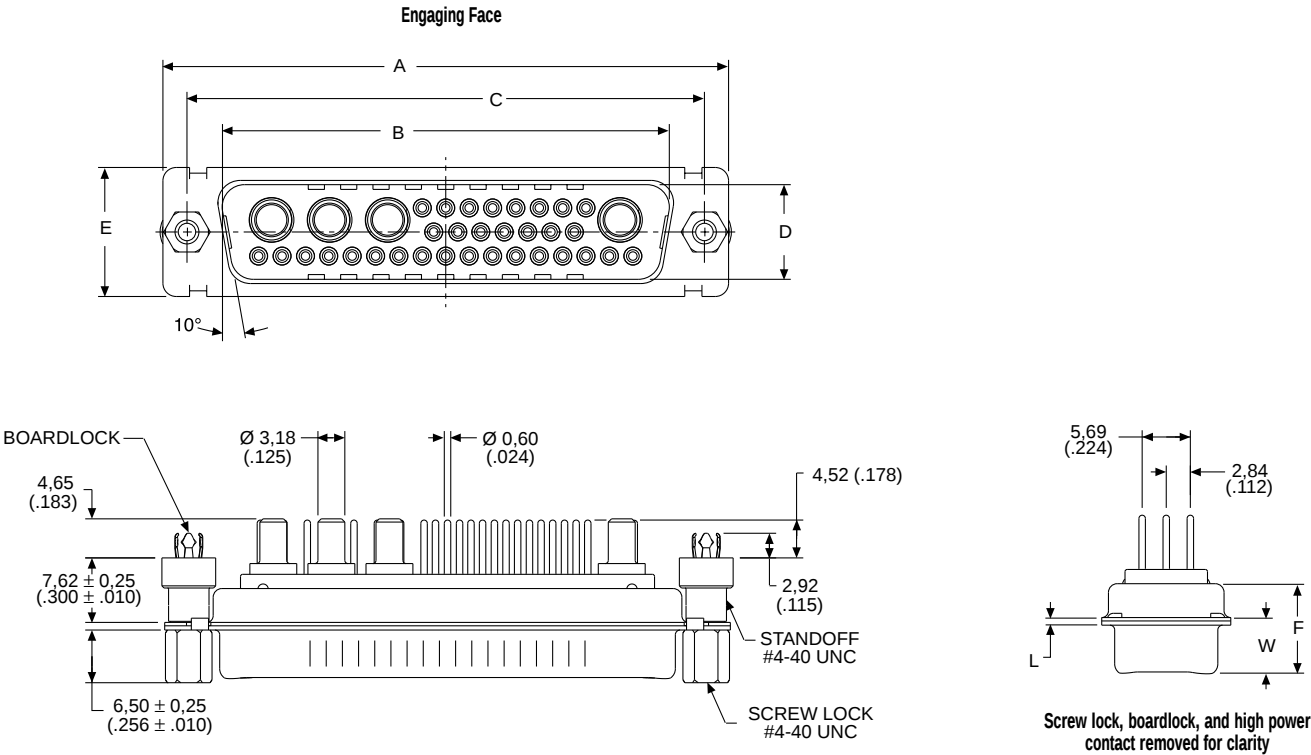
Part Numbers with Standoff #4-40 UNC

Shell Size	Layout	Part Number		
		Without Screw Locks Without Boardlocks	Without Screw Locks With Boardlocks	With Screw Locks With Boardlocks
DD	24W7	DDMV24H7PYK87	DDMZ24H7PYK87	DDMN24H7PYK87
DD	36W4	DDMV36H4PYK87	DDMZ36H4PYK87	DDMN36H4PYK87
DD	43W2	DDMV43H2PYK87	DDMZ43H2PYK87	DDMN43H2PYK87
DD	47W1	DDMV47H1PYK87	DDMZ47H1PYK87	DDMN47H1PYK87

For M3 threads replace MV with MT, MZ with MQ, MN with MU.
Notes: For tin plated PC tails add A226 (signal contacts only). Example DDMV24H7PYK87A226
For performance class 2 substitute K127 for K87. Example: DDMV24H7PYK127

Reader's Resource

For contact cavity arrangements,
see page 222.
For P.C. hole patterns, see page 256.
For panel cutouts, see page 221.



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)

40 A High Power Straight — European PC Tails (Size DD)

Receptacle



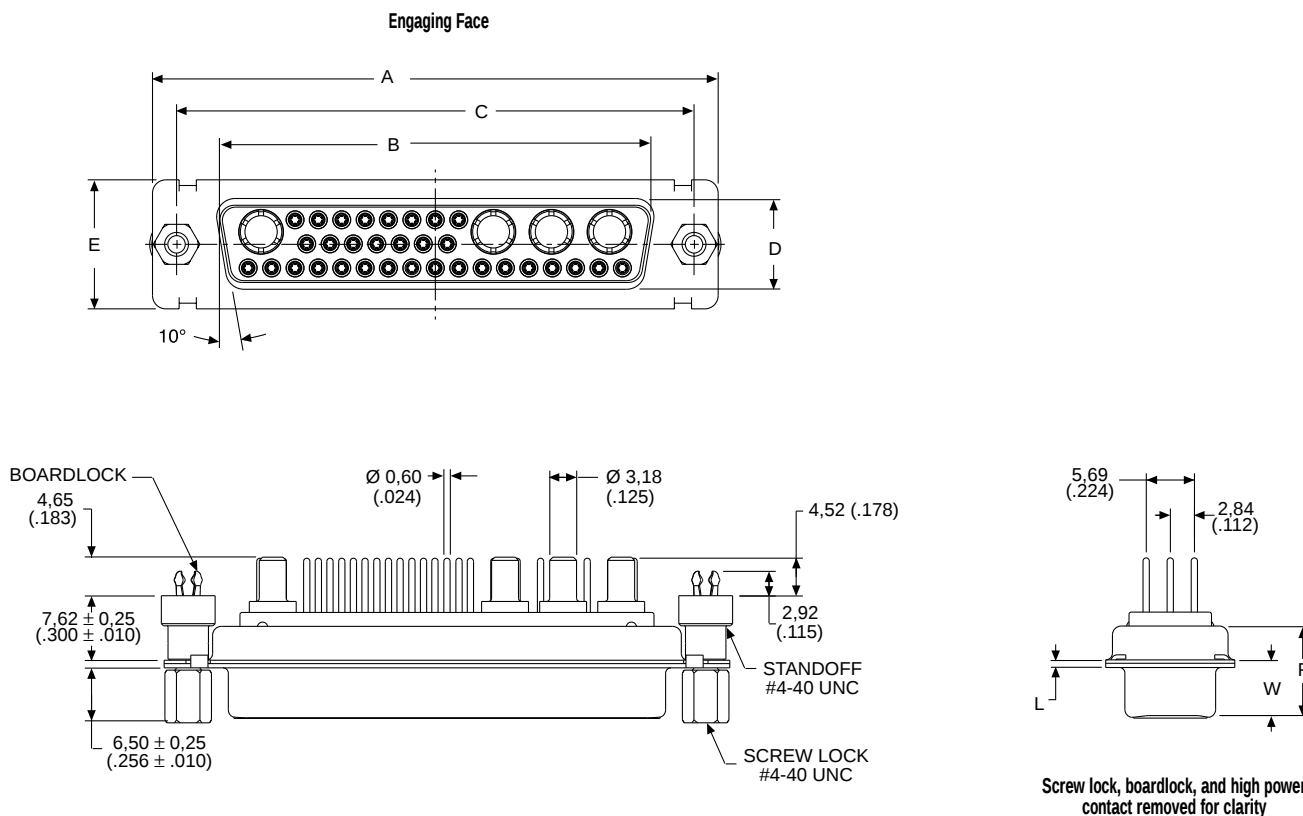
Part Numbers with Standoff #4-40 UNC

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	DDMV24H7SYA197	DDMZ24H7SYA197	DDMN24H7SYA197
DD	36W4	DDMV36H4SYA197	DDMZ36H4SYA197	DDMN36H4SYA197
DD	43W2	DDMV43H2SYA197	DDMZ43H2SYA197	DDMN43H2SYA197
DD	47W1	DDMV47H1SYA197	DDMZ47H1SYA197	DDMN47H1SYA197

For M3 threads replace MV with MT, MZ with MQ, MN with MU.
 Note: For performance class 2 substitute K126 for A197. Example: DDMV24H7SYK126

Reader's Resource

For contact cavity arrangements, see page 223.
 For P.C. hole patterns, see page 259.
 For panel cutouts, see page 221.



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)

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