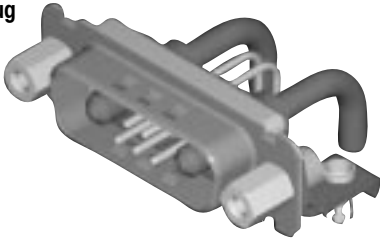


40 A High Power 90° — Standard Footprint .489♦ or .454 inch♦♦ (Sizes DE-DC)

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

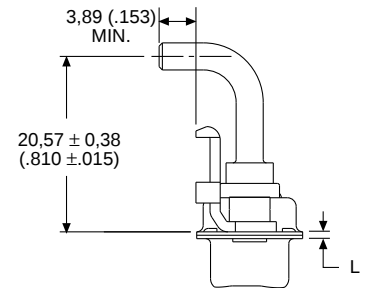
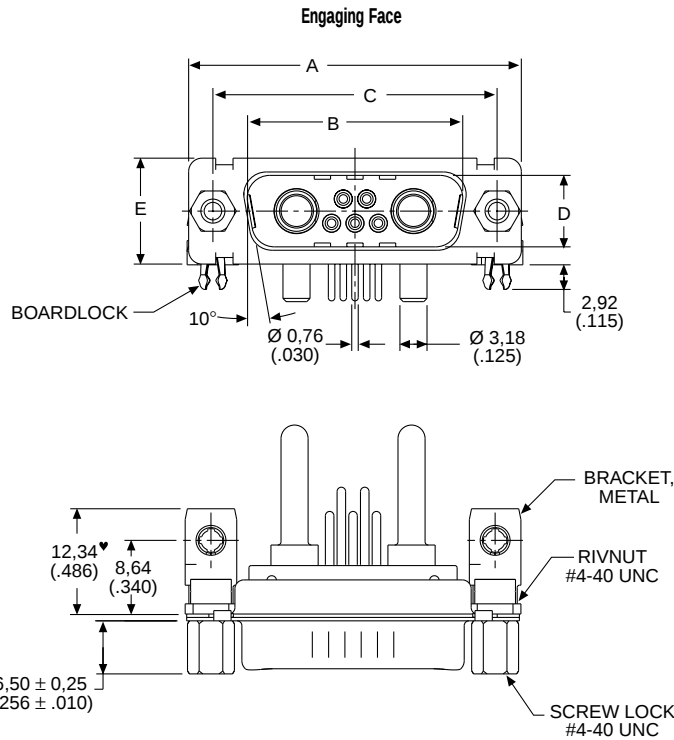
Part Numbers with Metal Bracket and Rivnut #4-40 UNC

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	DEMP5H1PJK87	DEMC5H1PJK87	DEMD5H1PJK87	DEMG5H1PJK87
DA	7W2	DAMP7H2PJK87	DAMC7H2PJK87	DAMD7H2PJK87	DAMG7H2PJK87
DA	11W1	DAMP11H1PJK87	DAMC11H1PJK87	DAMD11H1PJK87	DAMG11H1PJK87
DA	3W3	DAMP3H3PJK87	DAMC3H3PJK87	DAMD3H3PJK87	DAMG3H3PJK87
DA	3WK3♣	DAMP3HK3PJK87TM	DAMC3HK3PJK87TM	DAMD3HK3PJK87TM	DAMG3HK3PJK87TM
DB	5W5	DBMP5H5PJK87	DBMC5H5PJK87	DBMD5H5PJK87	DBMG5H5PJK87
DB	9W4	DBMP9H4PJK87	DBMC9H4PJK87	DBMD9H4PJK87	DBMG9H4PJK87
DB	13W3	DBMP13H3PJK87	DBMC13H3PJK87	DBMD13H3PJK87	DBMG13H3PJK87
DB	17W2	DBMP17H2PJK87	DBMC17H2PJK87	DBMD17H2PJK87	DBMG17H2PJK87
DB	21W1	DBMP21H1PJK87	DBMC21H1PJK87	DBMD21H1PJK87	DBMG21H1PJK87
DC	8W8	DCMP8H8PJK87	DCMC8H8PJK87	DCMD8H8PJK87	DCMG8H8PJK87
DC	13W6	DCMP13H6PJK87	DCMC13H6PJK87	DCMD13H6PJK87	DCMG13H6PJK87
DC	17W5	DCMP17H5PJK87	DCMC17H5PJK87	DCMD17H5PJK87	DCMG17H5PJK87
DC	21WA4	DCMP21HA4PJK87	DCMC21HA4PJK87	DCMD21HA4PJK87	DCMG21HA4PJK87
DC	25W3	DCMP25H3PJK87	DCMC25H3PJK87	DCMD25H3PJK87	DCMG25H3PJK87
DC	27W2	DCMP27H2PJK87	DCMC27H2PJK87	DCMD27H2PJK87	DCMG27H2PJK87

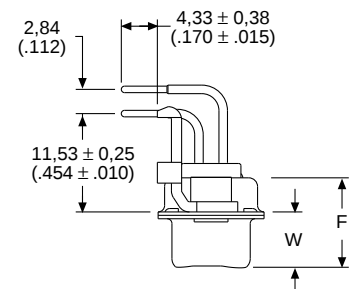
Note: For contacts with 30 microinches gold substitute K127 for K87. Example: DEMP5H1PJK127

For DD shell sizes, see page 62.

♣ Keyed.



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 ±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)

♦ Connector footprint measured from the front shell.

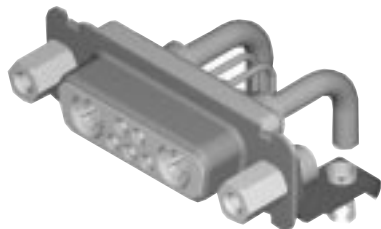
♦♦ Connector footprint measured from the rear shell.

ITT Cannon

Dimensions are shown in mm (inch)
 Dimensions subject to change

40 A High Power 90° — Standard Footprint .489♦ or .454 inch♦♦ (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 alternate bracket configuration (when connectors are supplied without boardlocks), see page 226.

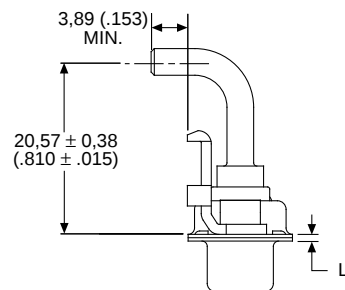
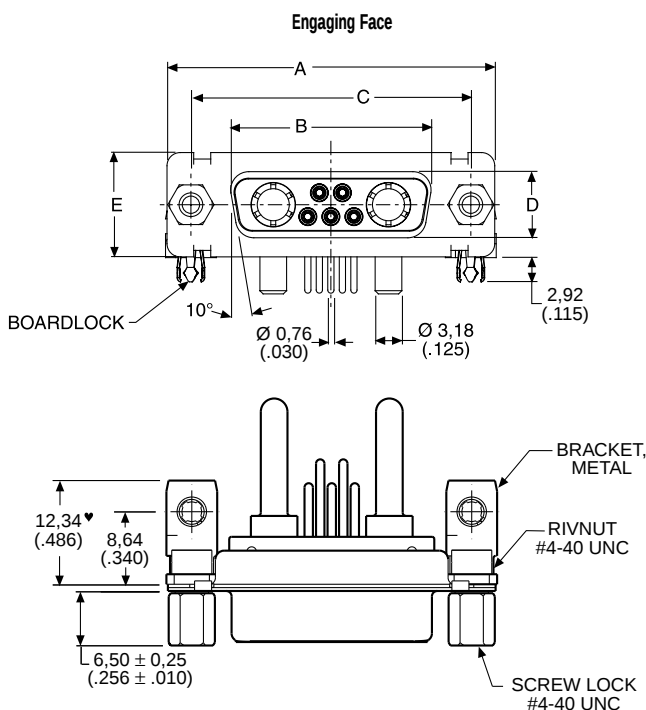
Part Numbers with Metal Bracket and Rivnut #4-40 UNC

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	DEMP5H1SJA197	DEMC5H1SJA197	DEMD5H1SJA197	DEMG5H1SJA197
DA	7W2	DAMP7H2SJA197	DAMC7H2SJA197	DAMD7H2SJA197	DAMG7H2SJA197
DA	11W1	DAMP11H1SJA197	DAMC11H1SJA197	DAMD11H1SJA197	DAMG11H1SJA197
DA	3W3	DAMP3H3SJA197	DAMC3H3SJA197	DAMD3H3SJA197	DAMG3H3SJA197
DA	3WK3♣	DAMP3HK3SJA197TM	DAMC3HK3SJA197TM	DAMD3HK3SJA197TM	DAMG3HK3SJA197TM
DB	5W5	DBMP5H5SJA197	DBMC5H5SJA197	DBMD5H5SJA197	DBMG5H5SJA197
DB	9W4	DBMP9H4SJA197	DBMC9H4SJA197	DBMD9H4SJA197	DBMG9H4SJA197
DB	13W3	DBMP13H3SJA197	DBMC13H3SJA197	DBMD13H3SJA197	DBMG13H3SJA197
DB	17W2	DBMP17H2SJA197	DBMC17H2SJA197	DBMD17H2SJA197	DBMG17H2SJA197
DB	21W1	DBMP21H1SJA197	DBMC21H1SJA197	DBMD21H1SJA197	DBMG21H1SJA197
DC	8W8	DCMP8H8SJA197	DCMC8H8SJA197	DCMD8H8SJA197	DCMG8H8SJA197
DC	13W6	DCMP13H6SJA197	DCMC13H6SJA197	DCMD13H6SJA197	DCMG13H6SJA197
DC	17W5	DCMP17H5SJA197	DCMC17H5SJA197	DCMD17H5SJA197	DCMG17H5SJA197
DC	21WA4	DCMP21HA4SJA197	DCMC21HA4SJA197	DCMD21HA4SJA197	DCMG21HA4SJA197
DC	25W3	DCMP25H3SJA197	DCMC25H3SJA197	DCMD25H3SJA197	DCMG25H3SJA197
DC	27W2	DCMP27H2SJA197	DCMC27H2SJA197	DCMD27H2SJA197	DCMG27H2SJA197

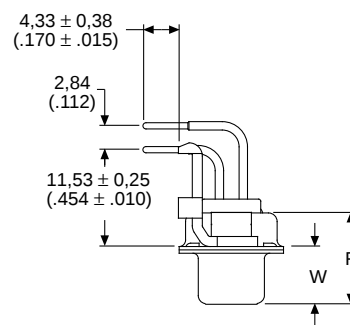
Note: For contacts with 30 microinches of gold substitute K126 for A197. Example: DEMP5H1SK126

For DD shell sizes, see page 63.

♣ Keyed.



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 ±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)

♦ Connector footprint measured from the front shell.

♦♦ Connector footprint measured from the rear shell.

40 A High Power 90° — Standard Footprint .489♦ or .454 inch♦♦ (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	DDMP24H7PJK87	DDMC24H7PJK87	DDMD24H7PJK87	DDMG24H7PJK87
DD	36W4	DDMP36H4PJK87	DDMC36H4PJK87	DDMD36H4PJK87	DDMG36H4PJK87
DD	43W2	DDMP43H2PJK87	DDMC43H2PJK87	DDMD43H2PJK87	DDMG43H2PJK87
DD	47W1	DDMP47H1PJK87	DDMC47H1PJK87	DDMD47H1PJK87	DDMG47H1PJK87

Note: For contacts with 30 microinches gold substitute K127 for K87. Example: DDMP24H7PJK127

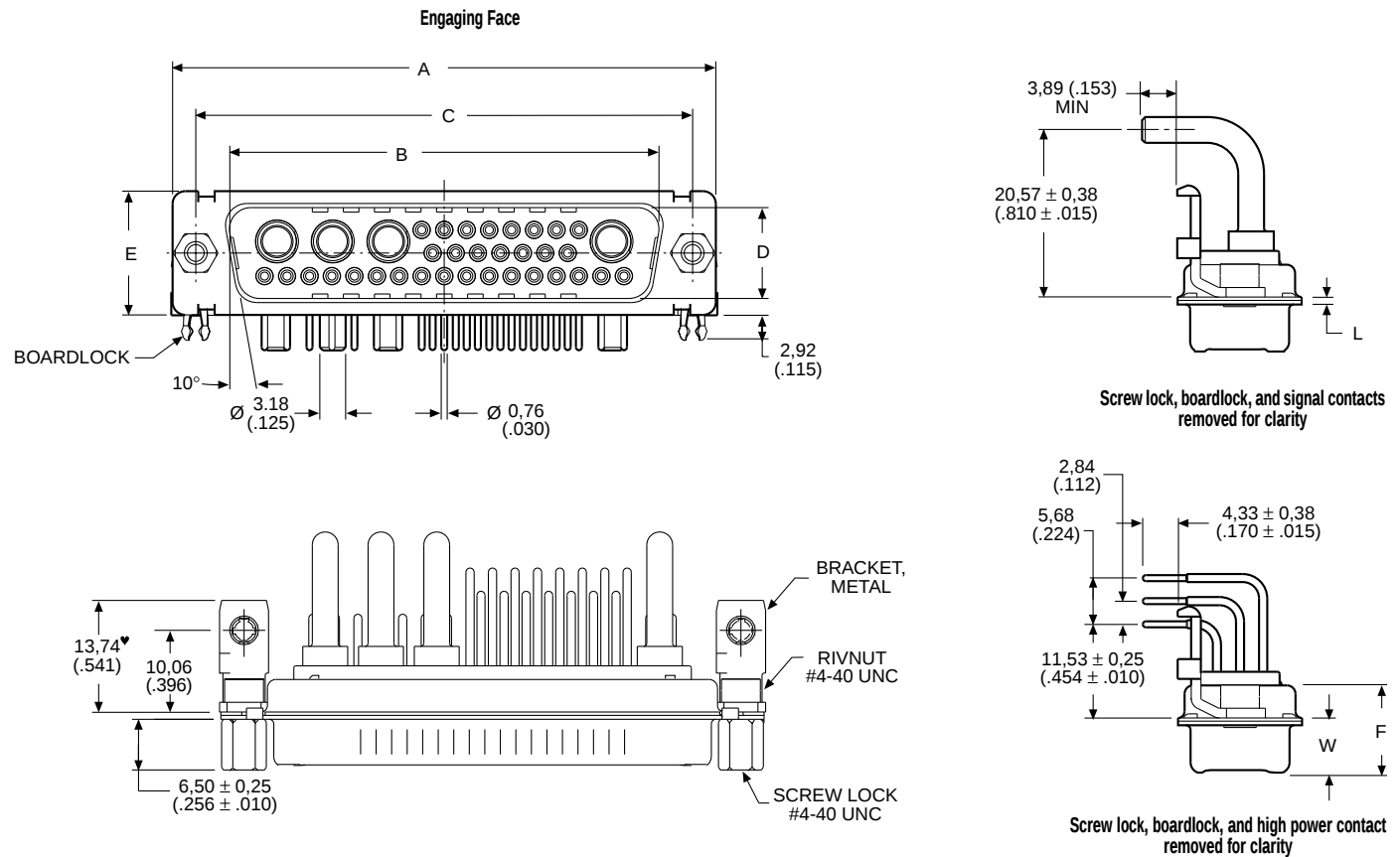
Reader's Resource

For contact cavity arrangements, see page 222.

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

For panel cutouts, see page 221.

For 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

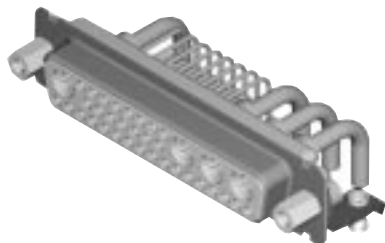
Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,41 (.016)	L ±0,25 (.010)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	6,84 (.269)	0,99 (.039)

♦ Connector footprint measured from the front shell.

♦♦ Connector footprint measured from the rear shell.

40 A High Power 90° — Standard Footprint .489♦ or .454 inch♦♦ (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	DDMP24H7SJA197	DDMC24H7SJA197	DDMD24H7SJA197	DDMG24H7SJA197
DD	36W4	DDMP36H4SJA197	DDMC36H4SJA197	DDMD36H4SJA197	DDMG36H4SJA197
DD	43W2	DDMP43H2SJA197	DDMC43H2SJA197	DDMD43H2SJA197	DDMG43H2SJA197
DD	47W1	DDMP47H1SJA197	DDMC47H1SJA197	DDMD47H1SJA197	DDMG47H1SJA197

Note: For contacts with 30 microinches gold substitute K126 for A197. Example: DDMP24H7SJK126

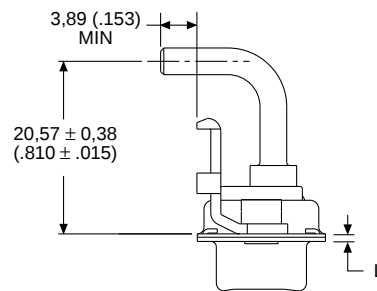
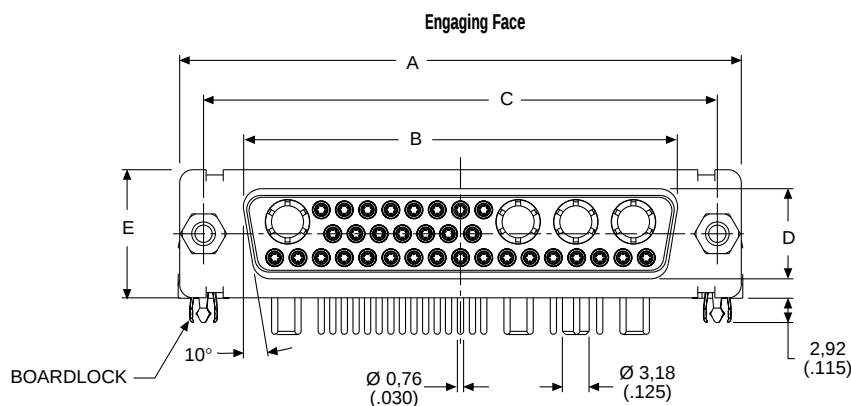
Reader's Resource

For contact cavity arrangements, see page 223.

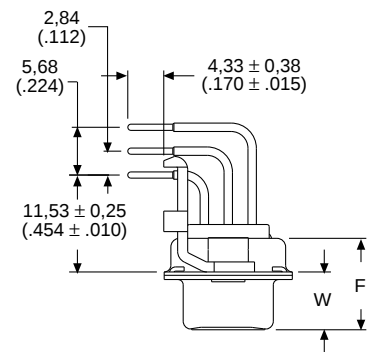
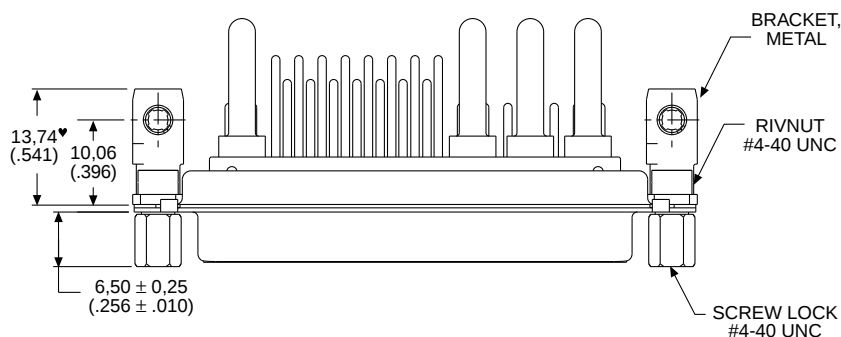
For P.C. hole patterns, see page 249.

For panel cutouts, see page 221.

For 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 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)

♦ Connector footprint measured from the front shell.

♦♦ Connector footprint measured from the rear shell.