

3M™ D Sub EMI Junction Shell

Metalized Plastic



- Protection from EMI/ESD
- Easy assembly reduces time and labor to ensure low applied cost
- Light weight, compact design
- Strain relief compensates for multiple cable diameters
- Jackscrews provide positive retention
- RoHS* compliant

Date Modified: August 19, 2005

TS-0032-10
Sheet 1 of 2

Physical

Shell

Material: ABS

Plating: Nickel Over Copper

Compression Insert:

Material: Thermo Plastic Elastomer

Flammability: UL 94V-0

Durometer: 75 + / - 5

Hardware: (2) Jackscrews #4-40 × .438

(2) Saddle Washers

(2) Nuts 4-40 UNC for 9, 15 & 25 position

(3) Nuts 4-40 UNC for 37 position

(2) Screws 4-40 UNC for 9, 15 & 25 position

(3) Screws 4-40 UNC for the 37 position

Material: Steel

Plating: Zinc

Mounting Hardware: See Specification Sheet TS-0142

Environmental

Temperature Rating: 0°C to +75°C

*RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

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Table 1 - Compression Inserts

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Insert For	Dimensions												G
	1		2		3		4		5		6		
	OD	ID	OD	ID	OD	ID	OD	ID	OD	ID	OD	ID	
3357-6509	0.475 [12.07]	0.320 [8.13]	0.360 [9.14]	0.315 [8.00]	0.360 [9.14]	0.285 [7.24]	0.360 [9.14]	0.255 [6.48]	0.360 [9.14]	0.210 [5.33]	N/A	N/A	0.475 [12.07]
3357-6515													
3357-6525	0.600 [15.24]	0.450 [11.43]	0.450 [11.43]	0.410 [10.41]	0.450 [11.43]	0.370 [9.40]	0.450 [11.43]	0.300 [7.62]	0.450 [11.43]	0.230 [5.84]	N/A	N/A	0.600 [15.24]
3357-6537	0.810 [20.57]	0.650 [14.48]	0.700 [17.78]	0.620 [15.75]	0.655 [16.64]	0.570 [14.48]	0.655 [16.64]	0.500 [12.70]	0.655 [16.64]	0.425 [10.80]	0.655 [16.64]	0.350 [8.89]	0.810 [20.58]

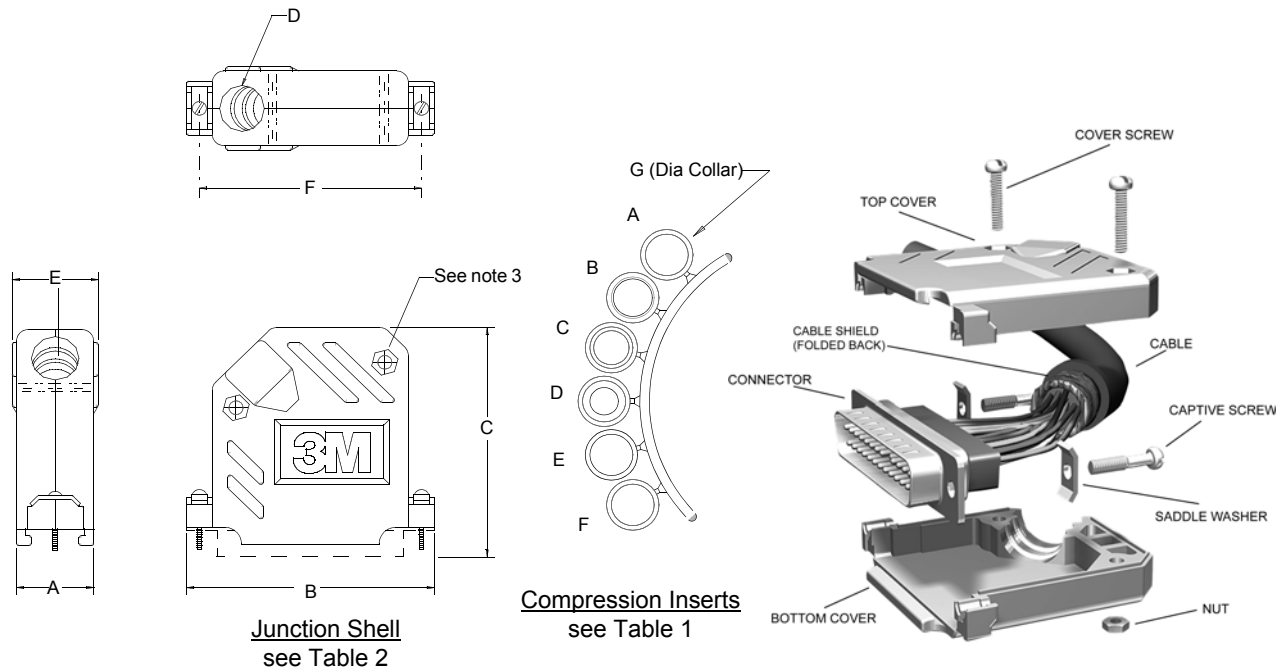


Table 2- Junction Shell

3M Part Number	Dimensions						Cable O.D. Range	
	A	B	C	D	E	F	Min	Max
3357-6509	0.64 [16.3]	1.22 [31.2]	1.58 [40.13]	0.40 [10.2]	0.64 [16.3]	0.984 [24.99]	0.210 [5.33]	0.320 [8.13]
3357-6515		1.54 [39.1]	1.88 [47.75]			1.312 [33.32]		
3357-6525		2.09 [53.1]	1.71 [43.43]	0.52 [13.2]	0.71 [18.0]	1.857 [47.17]	0.23 [5.84]	0.45 [11.43]
3357-6537		2.73 [69.3]	2.12 [53.85]	0.73 [18.5]	0.91 [23.11]	2.500 [63.50]	0.35 [8.89]	0.65 [16.51]

Note:

1. Compression inserts cannot be ordered separately.
2. Use applicable Jack Screw or Jack Socket Kit mounting hardware.
3. The 37 position shell has 3 cover screw holes.

Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[] Dimensions for Reference Only

Ordering Information

3357-65XX-XX

Connector Size
09 = 9 Position
15 = 15 Position
25 = 25 Position
37 = 37 Position

Blank = Non-RoHS compliant backshells
1C = RoHS compliant backshells

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Interconnect Solutions

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