

Cannon offers a wide selection of accessories that allow the design engineers to configure the product for their exact needs. The accessories range from the simple actuating handle to junction and backshells, as well as polarizing posts and protective covers for the contacts.

Actuating handles are the same for the DL1/2/3 and DLM1/2/3 series. The DL5/DLM5 and DLM6 series have specific handles. Handles are sold separately since many applications require the connector to be attached or removed only by an authorized technician.

Plastic junction shells are available for the DL1/2/3 series for encasement of the crimp contacts after complete installation into the connector. These shells also make it possible for the DL to be used as a cable-to-cable mating connector as they can be used both on the plug and the receptacle. The DL1/2/3 plastic junction shells have optional secondary cable entry capability by removing the molding in the cable entry plugs. Cable clamp kits are available to affix the cable to the second entry. This second entry option is very useful in applications where the large wire sizes make the cable diameter too large to be handled from a single entry port.

Metal Backshells are available for the entire DL/DLM series. The metal backshells are constructed from die cast aluminum with a nickel plating to facilitate in EMI/RFI shielding of the connector systems. Shielding has become a driving force because of the ever increasing stringent EMI/RFI regulations



Polarizing posts are available to offer a keying feature for both the DL and DLM connectors. The polarizing posts can be installed in specific orientation so that plugs of the same size connectors can only be mated in predetermined receptacles. This feature offers the designer the ability to fool-proof the attachment possibilities to protect accidental damage to the system. Protective covers of plastic and anti-static rubber are available to

offer contact protection from physical damage or dust. Since the DL series has a high density of contacts in an exposed area, these covers are very useful for many applications. For example, where systems have multiple connectors, or when the connections are often left unattached, or when the system parts are put into storage.

Accessory Selection Guide

Connector Series	Actuating Handles see page	Protective Covers		Metal Shell EMI/RFI Shielding see page	Plastic Junction Shell see page	Cable Clamps see page	Metal Backshell see page	Polarizing Posts see page
		Rubber see page	Plastic see page					
DL1-156				-				
DL2-96				-				
DL3-60				-				
DL4-624	included			-				
DL5-260		-	-					
DLM1-156				-				
DLM2-96				-				
DLM3-60				-				
DLM5-260		-	-					
DLM6-360		-	-					

Compatible
- Not Compatible

Product Features

- Stainless steel cable clamps
- Thermoplastic UL 94V-1 rated
- Straight 90 or 45 cable entry
- Accommodates up to 22,22 (.875) cable
- For use with crimp contact connectors
- Knockout plug provides alternate second entry
- Complete with 4 attaching screws and nuts
- Complete with one cable clamp kit

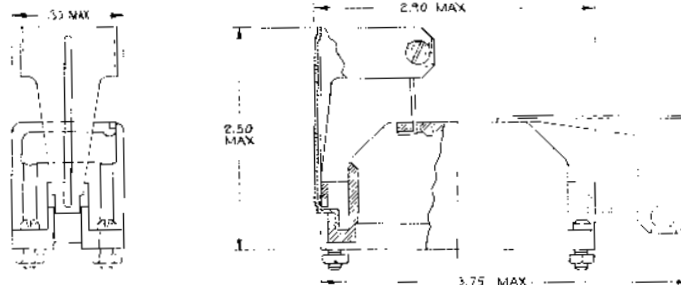
Junction Shell Kit (Straight or 90° Mounting)



DL1 / DLM1

Description	Part Number	A	B	C	D	E	F	G	H	I	Max Cable Entry
DL-1-J/S	249-1950-000	110,74 (4.360) MAX	62,36 (2.455) MAX	68,58 (2.700) MAX	86,36 (3.400) MAX	43,94 (1.730) MAX	57,78 (2.275) MAX	63,50 (2.500) MAX	27,69 (1.090) MAX	50,44 (1.988) MAX	22,23 (0.875)

Note: Single Piece Shell



DL2 / DLM2 DL3 / DLM3

Description	Part Number	A	B	C	D	E	F	G	H	I	Max Cable Entry
DL2-J/S	249-1985-000	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	14,20 (0.560)
DL2-2-J/S	249-2238-000	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	15,90 (0.625)
DL2-4-J/S	249-2238-001	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	22,23 (0.875)
DL3-J/S	249-2060-000	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	14,20 (0.560)
DL3-3-J/S	249-2237-000	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	15,90 (0.625)
DL3-4-J/S	249-2237-001	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	22,23 (0.875)

Note: Two Piece Shell

Junction Shell Kit (45° Mounting)



DL2 / DLM2 DL3 / DLM3

Description	Part Number	A	B	C	D	E	F	G	H	I	Max Cable Entry
DL2-1-J/S	249-1985-001	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	15,90 (0.625)
DL3-2-J/S	249-2060-001	68,83 (2.710) MAX	46,81 (1.843) MAX	52,45 (2.065) MAX	71,04 (2.797) MAX	30,05 (1.183) MAX	36,45 (1.435) MAX	39,29 (2.500) MAX	31,75 (1.547) MAX	44,04 (1.250) MAX	15,90 (0.625)

Note: Two Piece Shell

Dimensions shown in mm (inch)

Specifications and dimensions subject to change

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