

## 'DLM' Metal Zero Insertion Force

## ITT Cannon



- Fully intermatable with 'DL' Series
- Shield-locking mechanism ensures EMI/RFI shield for mated connectors
- PCB receptacle is fully loaded with contacts
- Junction shells offer straight or 90° cable entry
- 50 gold 'bump to flat' crimps are mandatory for signals below 100 milliamps
- Crimps suitable for dry circuit low current applications

Junction shells Die cast aluminium, nickel plated  
 Crimp contacts Plug side contacts have bump  
 Receptacle contacts have flat

CM482

No. of Ways	Mftrs. List No.	Order Code	Price Each			
			1+	10+	50+	100+
<b>Metal Shell Plugs</b>						
60	DLM3-60P	307-5436				
196	DLM2-96P	307-5448				
156	DLM1-156P	307-5450				
260	DLM5-260P	307-5461				
360	DLM6-360P	307-5473				
<b>Metal Shell Receptacle</b>						
60	DLM3-60R	307-5485				
96	DLM2-96R	307-5497				
156	DLM1-156R	307-5503				
260	DLM5-260R	307-5515				
360	DLM6-360R	307-5527				
<b>PCB Metal Shell Receptacle</b>						
60	DLM3-60RW68	307-5539				
96	DLM2-96RW68	307-5540				
156	DLM1-156RW68	307-5552				
260	DLM5-260RW68	307-5564				
360	DLM6-360RW68	307-5576				
<b>Backshell Kit</b>						
60	DL3/DLM3	307-5588				
96	DL2/DLM2	307-5590				
156	DL1/DLM1	307-5606				
260	DL5/DLM5	307-5618				
360	DLM6	307-5620				
<b>Handle</b>						
DL		140-976				
DL5/DLM5		307-5631				
DLM6		307-5643				
<b>Bump &amp; Flat contacts for DL/DLM</b>						
24-26AWG for plug		307-5655				
20-22AWG for plug		307-5679				
24-26AWG for receptacle		307-5667				
20-22AWG for receptacle		307-5680				

## 'M' Series

### Cable Connector Kits



Kit contains:  
 1 Housing, 1 One piece shield, 2 Jackscrew, 1 Strain relief clamp, 4 Mounting screws.

Temperature range -55°C to 150°C

Housings	Black phenolic
Covers	Anodised aluminium
Screws	Zinc Plated steel
Jackscrews	Stainless steel
Cable Clamp	Zinc plated steel

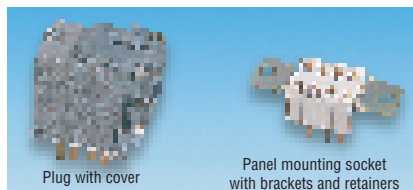
FOR SUITABLE CRIMP CONTACTS SEE **PAGE 300**  
 FOR SUITABLE HAND TOOL SEE **PAGE 300**

CM473

No. of Ways	Mftrs. List No.	Order Code	Price Each			
			1+	10+	100+	250+
<b>Plug</b>						
34	213300-1	357-546				
<b>Receptacle</b>						
34	213552-1	357-558				

## 700 Series 3A

## McMurdo



Medium power connectors with aluminium clad covers. Covers have a reversible cable clamp providing top or side entry. A polarising key is set in the end position as standard. All terminations are solder bucket.

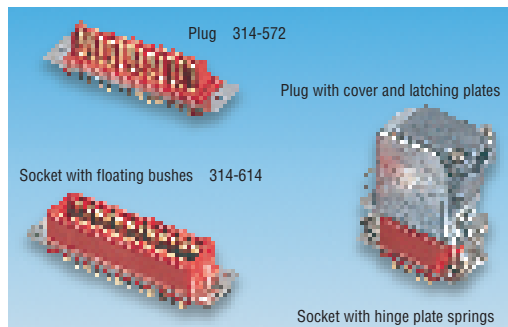
Current rating	3A @ 55°C	Housings	Phenolic MCM 6F polyester
Working voltage	500V dc/ac peak	Covers	Plastic clad aluminium
Contact resistance	10mΩ	Contacts	Pins Brass, gold over nickel plating
Insulation resistance	10 <sup>10</sup> MΩ	Sockets	Phosphor bronze, gold over nickel plating
Proof voltage	1.5kV min	Insertion/withdrawal force	2.0N/1.3N
Temperature range	-25°C to +85°C		

CM118

No. of Ways	Mftrs. List No.	Order Code	Price Each				
			1+	25+	50+	100+	250+
<b>Free Plug with Cover</b>							
7	700/3452/7	104-702					
11	700/3452/11	104-708					
15	700/3452/15	104-714					
19	700/3452/19	104-720					
23	700/3452/23	104-726					
<b>Panel Socket</b>							
7	700/3451/7S	104-704					
11	700/3451/11S	104-710					
15	700/3451/15S	104-716					
19	700/3451/19S	104-722					
<b>Free Socket with Cover</b>							
15	700/3453/15	104-717					
23	700/3451/23	104-729					

## Red Range 5A

## McMurdo



A range of connectors with a low insertion and withdrawal force, having barrier polarisation of plug relative to socket ensuring that incorrect contact cannot be made during blind insertion. Mouldings in red nylon PF.

Current rating @ 80°C	5A max	Insulation resistance (initially)	10 <sup>10</sup> MΩ max
Operating voltage	800V dc	Contact resistance (initially)	5mΩ
Breakdown voltage	3.5kV dc/ac peak	Temperature range	-40°C to +100°C
Contact pitch	4.7mm		

**Note:** All covers are supplied with side entry, but can all be changed to top entry if required.

CM124

No of Ways	Mftrs. List No.	Order Code	Price Each					
			1+	25+	50+	100+	250+	500+
<b>Plugs</b>								
8	RP8	.314-559						
16	RP16	.314-560						
24	RP24	.314-572						
32	RP32	314-584						
<b>Sockets with Floating Bushes</b>								
8	RS8	.314-596						
16	RS16	.314-602						
24	RS24	.314-614						
32	RS32	314-626						
<b>Covers</b>								
8	RC108	314-640						
16	RC116	314-651						
24	RC124	314-663						
32	RC132	314-675						
<b>Hinge Plate Spring</b>								
	RL-H	314-687						
<b>Order Multiple=4</b>								
<b>Latching Plates</b>			4+	24+	48+	96+	256+	512+
	RL-L	314-699						

continued