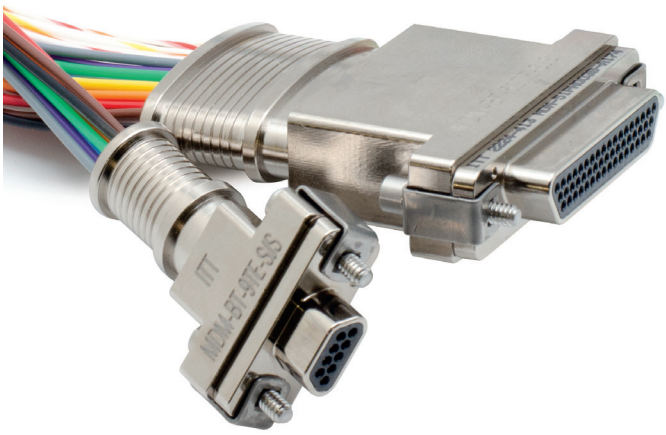
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ITT

Cannon Microminature MDM Backshells



MDM Low Profile Connectors with Oval Backshell Mounted

A single piece, machined aluminum shell for ITT Cannon MDM and MIL-DTL-83513 connectors. Cable braid can be fixed to the shell with the band-it strap (supplied with the backshell) to give a shielded termination. Stainless steel mounting hardware, either jackposts or low profile jack screws, comes with the backshell.

MATERIALS AND FINISHES	
Backshell Material	Aluminum
Backshell Finish	Electroless Nickel or Yellow Chromate over Cadmium
Hardware Material	Stainless Steel

Ordering Guide

MDM-BT - 15 TE - SJS - CAD

Band Tied Backshell
Shell Size
Series
Hardware
Plating

Series
MDM-BT - MDM Banded Tied Backshell Oval Entry
MDM-BTR - MDM Banded Tied Backshell Round Entry

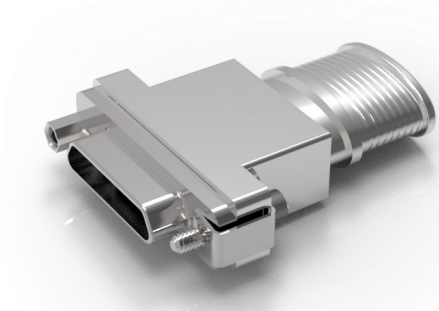
Shell Size
9, 15, 21, 25, 31, 37, 51, 69 & 100

Cable Entry
TE - Top Entry
AE - Angled Entry
SE - Side Entry

Hardware
SJS - Spring Clip & Jackscrew
JP - Jackpost, Washer & Nut

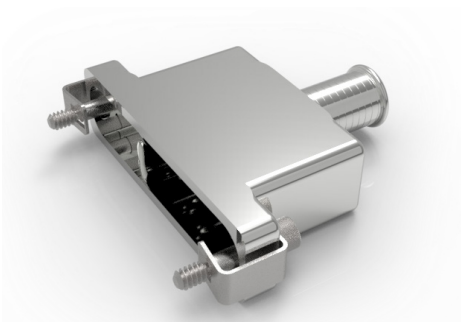
Plating
Blank - Electroless Nickel, RoHS Compliant
CAD - Yellow Chromate over Cadmium

MDM- BT



MDM Low Profile Connectors with Oval Backshell Mounted

MDM- BTR

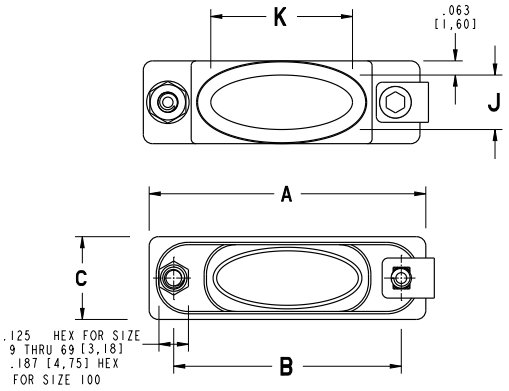


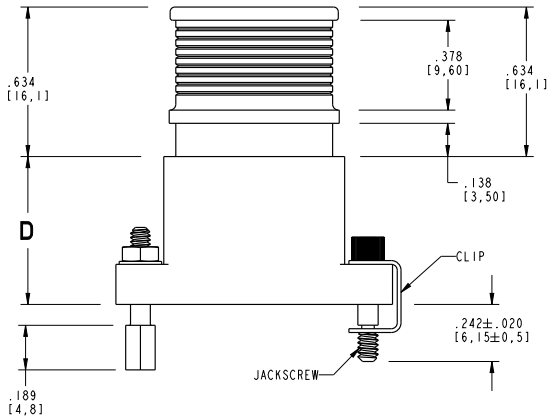
MDM Round Exit Backshell with SJS and JP Hardware Examples

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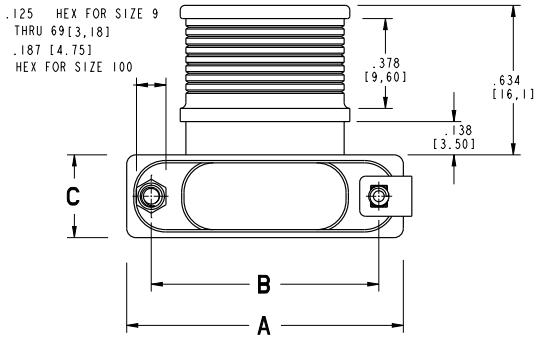
Micro-D Backshell with Round Exit MDM- BT

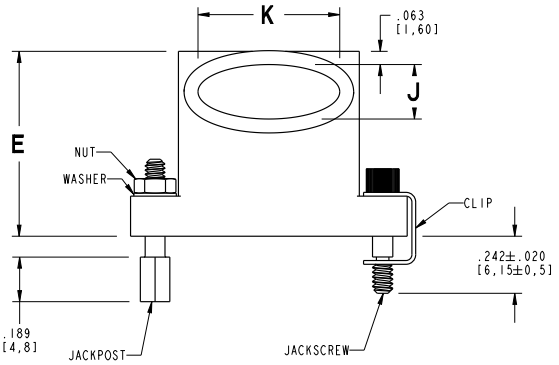
TE Top Entry



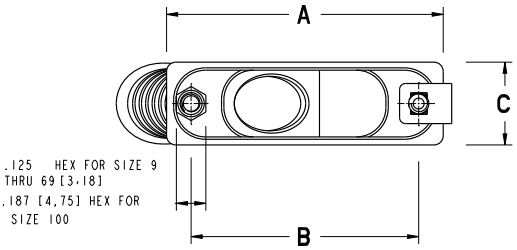


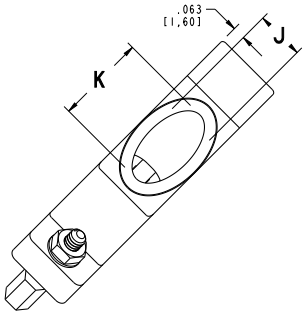
SE Side Entry

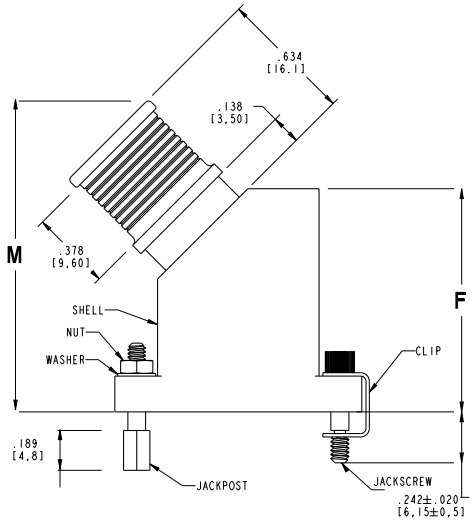




AE Angled Entry







Shell Size	A	B	C	D	E	F	Styles TE & SE		Style AE	
							J	K	J	K
9	0.776 (19.7)	0.565 (14.4)	0.354 (9.0)	0.394 (10.0)	0.591 (15.0)	0.827 (21.0)	0.228 (5.8)	0.276 (7.0)	0.189 (4.8)	0.189 (4.8)
15	0.921 (23.4)	0.715 (18.2)	0.354 (9.0)	0.472 (12.0)	0.650 (16.5)	0.906 (23.0)	0.228 (5.8)	0.425 (10.8)	0.189 (4.8)	0.189 (4.8)
21	1.075 (27.3)	0.865 (22.0)	0.354 (9.0)	0.551 (14.0)	0.709 (18.0)	0.984 (25.0)	0.228 (5.8)	0.425 (10.8)	0.228 (5.8)	0.276 (7.0)
25	1.175 (29.9)	0.965 (24.5)	0.354 (9.0)	0.630 (16.0)	0.787 (20.0)	1.063 (27.0)	0.228 (5.8)	0.598 (15.2)	0.228 (5.8)	0.425 (10.8)
31	1.327 (33.7)	1.115 (28.3)	0.354 (9.0)	0.669 (17.0)	0.827 (21.0)	1.102 (28.0)	0.228 (5.8)	0.598 (15.2)	0.228 (5.8)	0.425 (10.8)
37	1.476 (37.5)	1.265 (32.1)	0.354 (9.0)	0.709 (18.0)	0.866 (22.0)	1.142 (29.0)	0.228 (5.8)	0.791 (20.1)	0.228 (5.8)	0.598 (15.2)
51	1.421 (36.1)	1.215 (30.9)	0.394 (10.0)	0.748 (19.0)	0.906 (23.0)	1.181 (30.0)	0.268 (6.8)	0.898 (22.8)	0.268 (6.8)	0.697 (17.7)
69	1.727 (43.71)	1.515 (38.48)	0.394 (10.0)	0.748 (19.0)	0.906 (23.0)	1.181 (30.0)	0.268 (6.8)	1.140 (28.9)	0.268 (6.8)	0.697 (17.7)
100	2.165 (55.0)	1.800 (45.7)	0.433 (11.0)	0.827 (21.0)	0.984 (25.0)	1.496 (38.0)	0.307 (7.8)	1.024 (26.0)	0.307 (7.8)	1.024 (26.0)

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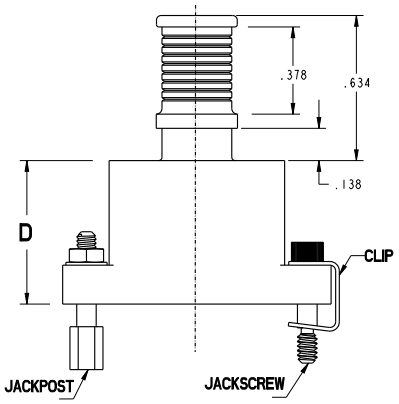
Dimensions shown in mm
Specifications and dimensions subject to change

Downloaded from Arrow.com.

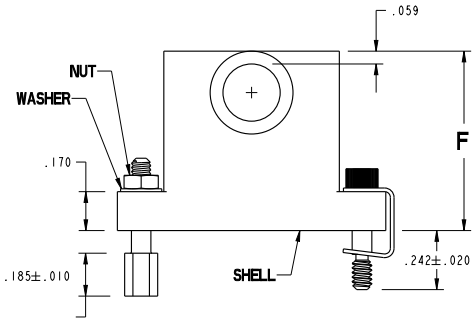
Micro-D Backshell with Round Exit

MDM- BTC

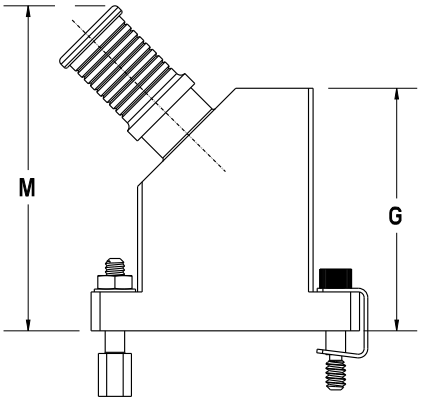
TE Top Entry

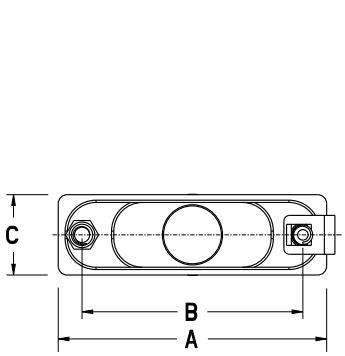


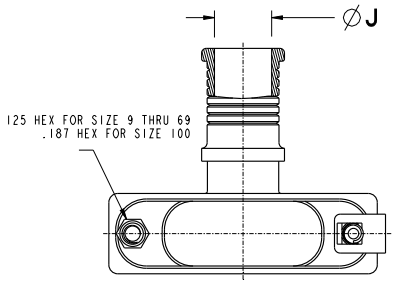
SE Side Entry

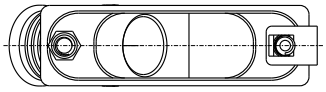


AE Angled Entry









Shell Size	A	B	C	D	E	F	ØJ	M (MAX)
9	0.776 (19.7)	0.565 (14.4)	0.354 (9.0)	0.394 (10.0)	0.591 (15.0)	0.827 (21.0)	0.250	1.260
15	0.921 (23.4)	0.715 (18.2)	0.354 (9.0)	0.472 (12.0)	0.650 (16.5)	0.906 (23.0)	0.250	1.339
21	1.075 (27.3)	0.865 (22.0)	0.354 (9.0)	0.551 (14.0)	0.709 (18.0)	0.984 (25.0)	0.250	1.417
25	1.175 (29.9)	0.965 (24.5)	0.354 (9.0)	0.630 (16.0)	0.787 (20.0)	1.063 (27.0)	0.251	1.496
31	1.327 (33.7)	1.115 (28.3)	0.354 (9.0)	0.669 (17.0)	0.827 (21.0)	1.102 (28.0)	0.281	1.535
37	1.476 (37.5)	1.265 (32.1)	0.354 (9.0)	0.709 (18.0)	0.866 (22.0)	1.142 (29.0)	0.281	1.575
51	1.421 (36.1)	1.215 (30.9)	0.394 (10.0)	0.748 (19.0)	0.906 (23.0)	1.181 (30.0)	0.320	1.614
69	1.727 (43.71)	1.515 (38.48)	0.394 (10.0)	0.748 (19.0)	0.906 (23.0)	1.181 (30.0)	0.320	1.614
100	2.165 (55.0)	1.800 (45.7)	0.433 (11.0)	0.827 (21.0)	0.984 (25.0)	1.496 (38.0)	0.370	1.929

Dimensions shown in mm

Specifications and dimensions subject to change

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