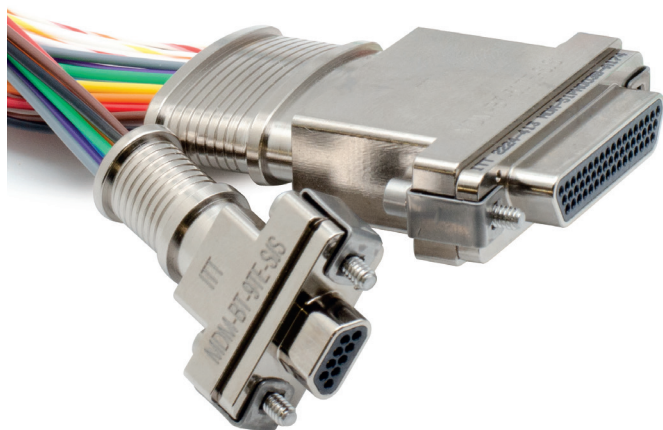


Cannon Microminature MDM Backshells



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

Band Tied Backshell

Shell Size

Series

Hardware

Plating

MDM-BT - I5 TE - SJS - CAD

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

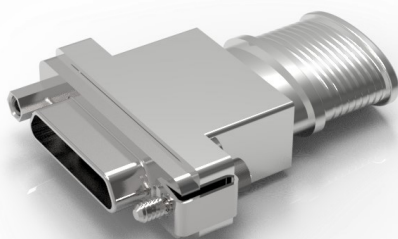
Hardware

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

Plating

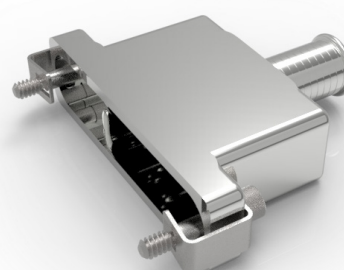
Blank - Electroless Nickel, RoHS Compliant
CAD - Yellow Chromate over Cadmium

MDM- BT



MDM Low Profile Connectors with Oval Backshell Mounted

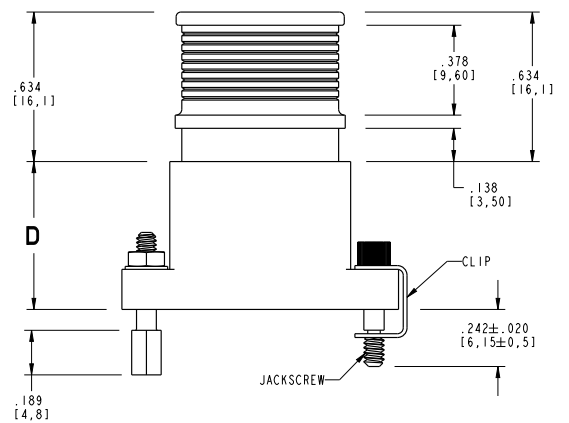
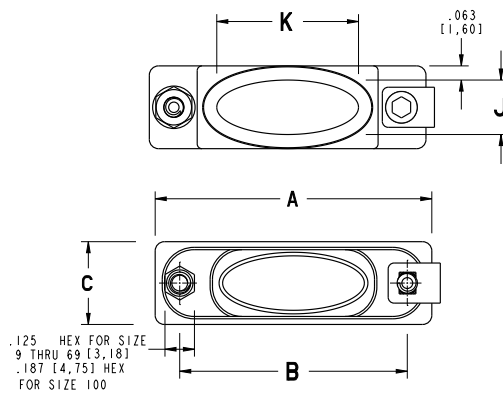
MDM- BTR



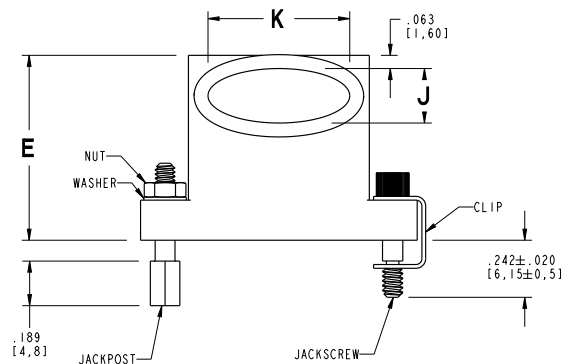
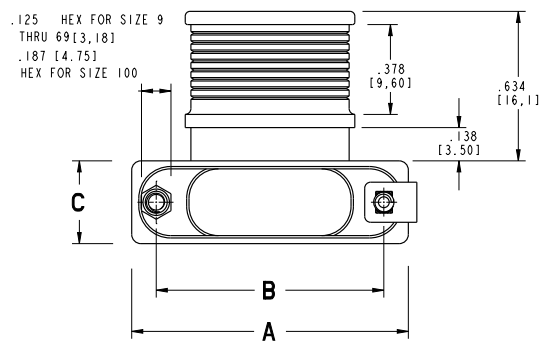
MDM Round Exit Backshell with SJS and JP Hardware Examples

MDM- BT

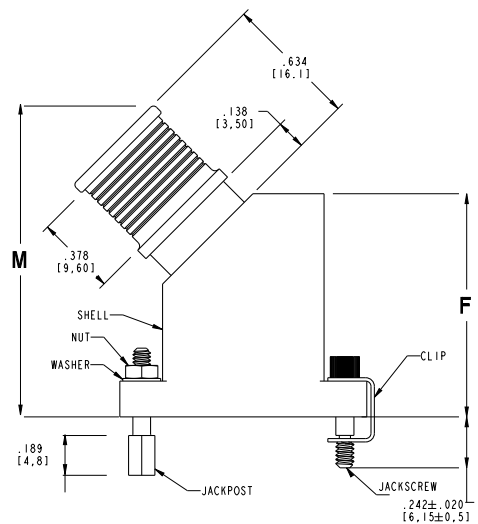
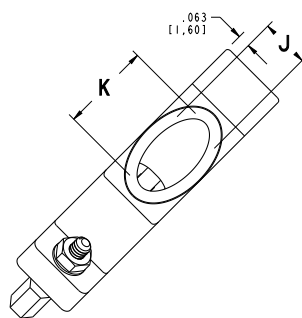
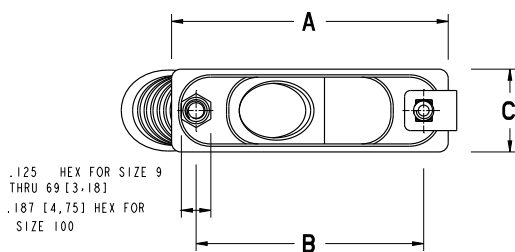
TE Top Entry



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)

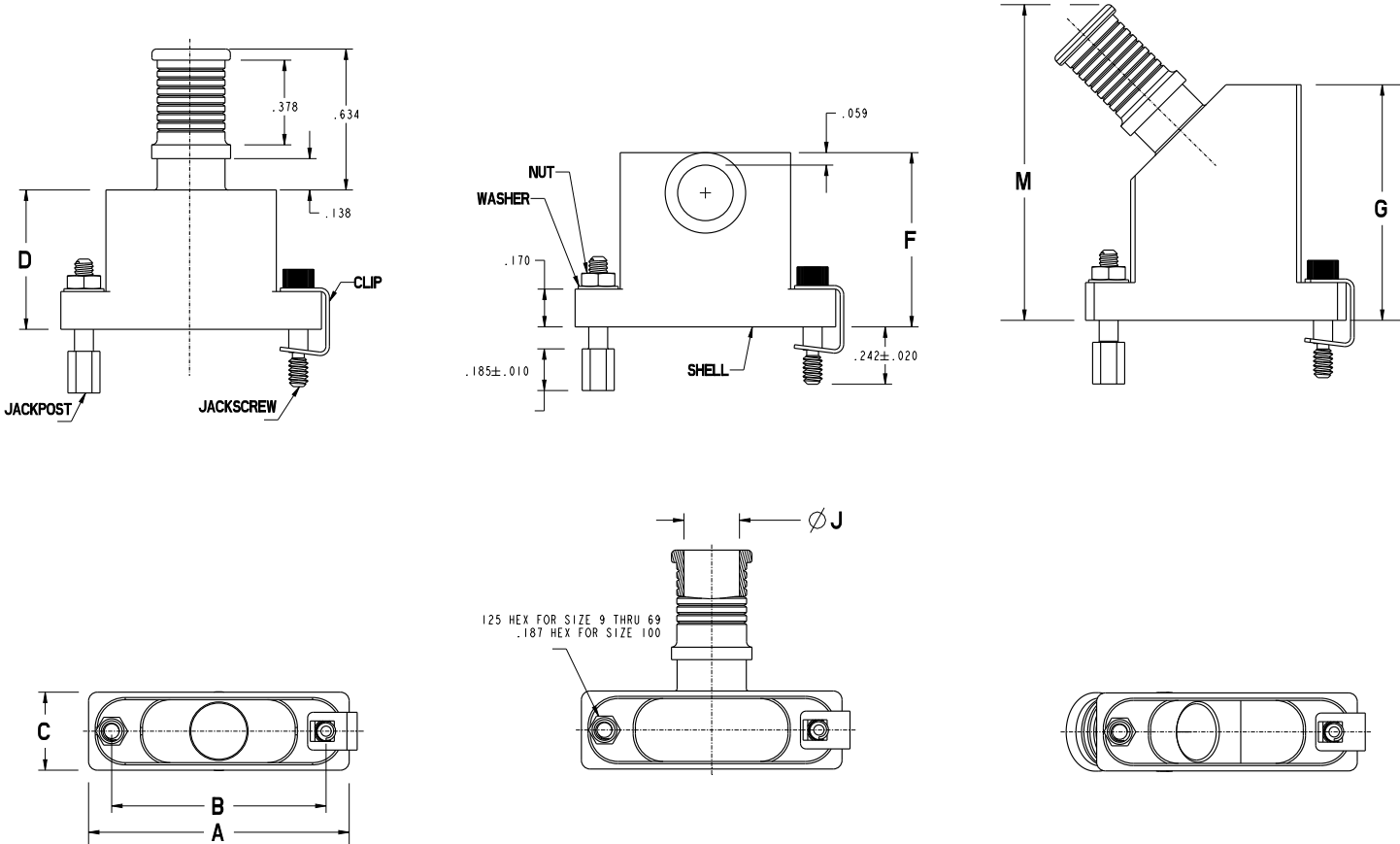
Micro-D Backshell with Round Exit

MDM- BTR

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