

Product Selection Guide

Round Cable Entry
Backshell
Page M-6



EMI/RFI Round Cable Entry Backshells

One piece aluminum Micro-D backshells. Terminate cable shields with BandMaster™ ATS stainless steel straps. Finish the cable with heat-shrink tubing or boots, sold separately. Stocked in top, side, 45°, dual 45° and dual top entry. MIL-DTL-83513 version also available.

Round Cable Entry, Split
Shell Banding Backshell
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Split EMI/RFI Micro-D Backshell with and Screwlocks

This backshell features screwlocks, allowing the connectors to be fully mated before the hardware is fastened.

Round Cable Entry
Shield Sock
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EMI/RFI Micro-D Backshells With Braid Attached

These backshells are terminated to tinned copper braid.

Composite Round
Cable Entry
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Round Entry Split EMI/RFI Micro-D Backshell and Screwlocks

This backshell features screwlocks, allowing the connectors to be fully mated before the hardware is fastened.

Elliptical Entry
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Elliptical Entry EMI/RFI Micro-D Backshells

Our elliptical backshells accommodate larger wire bundles. See the table on page M-5 for more information.

Elliptical Split Banding
Backshell
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Elliptical EMI/RFI Split Shell Micro-D Backshell

This backshell features screwlocks, allowing the connectors to be fully mated before the hardware is fastened.

Strain Relief
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Strain Relief Backshells (not for EMI)

These backshells are used for wire or cable strain relief. Three styles are provided.

Potting Shell
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Potting Shell (not for EMI)

Potting shells are attached to the connector and filled with epoxy or similar encapsulants to provide environmental protection and strain relief.



Micro-D Backshells General Information and Product Selection Guide

Micro-D Backshell Selection Guide

	Backshell Type										Cable Entry			Hardware			Other			Page Number		
	EMI backshell	Available in Lightweight Composite	Strain Relief Backshell	Potting Shell	Switching Shell	Circular Cable Entry	Elliptical Cable Entry	Straight Cable Entry	45° Cable Entry	Side Cable Entry	Slot Head Cable Entry	Hex Head Jackscrews	Extended Jackscrews	Screw Jackscrews	One Piece Backshell	Split (Two Piece) Backshell	Accepts Standard Shield Band	Accepts Micro Shield Band	Connector Attaches with Clip		Connector Attaches with E-Ring	Connector is Captivated by Backshell
500-010	●					●		●	●	●	●	(1)		●		●	●					M-6
500-011	●					●		●	●	●	●	(1)		●			●					M-10
500-012		●				●		●	●	●	●	(1)		●			●					M-25
500-047	●						●	●			●	●		●		●	●					M-14
507-035			●								●	●		●			●					M-26
507-088	●	●				●		●	●	●	●	(1)		●			●					M-12
507-145	●					●		●					●		●				●			M-9
507-146		●								●	●	●		●		●	(2)	(2)				M-24
507-175	●						●	●	●	(3)	●	●		●			●					M-15
507-178	●						●	●					●		●					●		M-21
507-198		●					●				●	●		●			●					M-23

- (1) Extended jackscrew will not work with 45° cable entry or with dual 45° entry backshells.
- (2) Sizes 9 thru 69 use e-rings or c-clips for connector attachment, 100 pin uses c-clip only.
- (3) The cable entry is on the long side of shell. See ordering information for clarification.

Glenair Qwik Connections

	500-010	500-011	500-012	500-047	507-035	507-088	507-145	507-146	507-175	507-178	507-198
Same Day Stock*	A	C	A	A	A	C	B	A	D	D	D
Lightest Weight					●						
Accepts Standard Width Shield Band	●			●							
Meets NASA Outgassing	●	●	●	●	●	●	●	●	●	●	
Low Residual Magnetism						●			●		
Oversize Elliptical Cable Entry				●				●	●		
Split Backshell With Screwlocks for Fast Mating						●			●		

*Availability: **A** — All sizes in stock. **B** — Most sizes in stock. **C** — A few sizes in stock. **D** — Not Stocked.