SPACE-GRADE MICRO-D BACKSHELLS

Product Selection Guide

SOLID SHELL LIGHTWEIGHT ALUMINUM EMI/RFI AND STRAIN-RELIEF BACKSHELLS

500-010
Banding porch platform for shield termination with Band-Master ATS® Standard or Micro bands. Round cable entry. Top, side, 45° or dual 45° entry options.
Page 6

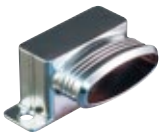
507-142
Banding porch platform for shield termination with Band-Master ATS® Standard or Micro bands. Dual round cable entry.
Page 8

500-012
Qwik-Ty arm for cable strain relief. Round cable entry. Top, Side, or 45° entry options.
Page 9

SOLID SHELL ULTRA LIGHTWEIGHT COMPOSITE EMI/RFI BACKSHELL

507-088
High-strength, ultra lightweight composite thermoplastic. Electroless Nickel plated for EMI shielding effectiveness. Banding porch platform for shield termination with Band-Master ATS® Micro bands. Round cable entry. Top, Side, or 45° entry options.
Page 10

SOLID SHELL LIGHTWEIGHT ALUMINUM EMI/RFI BACKSHELLS, ELLIPTICAL ENTRY



507-296
Banding porch platform for shield termination with Band-Master ATS® Micro bands. Elliptical cable entry. Top or Side entry options.
Page 12

507-297
Banding porch platform for shield termination with Band-Master ATS® Micro bands. Elliptical cable entry. 45° entry.
Page 14

SPLIT SHELL LIGHTWEIGHT ALUMINUM EMI/RFI BACKSHELL, ELLIPTICAL ENTRY

507-178
Split construction with screwlocks for easy assembly: connectors can be fully mated before hardware is fastened. Banding porch platform for shield termination with Band-Master ATS® bands. Elliptical cable entry.
Page 16

LIGHTWEIGHT ALUMINUM SADDLE-BAR TYPE CABLE CLAMP STRAIN RELIEF BACKSHELLS

507-198
Saddle bar clamp with silicone pads for easy installation of flat cable bundle
Page 18

507-146
Saddle bar clamp for easy installation of round cable bundle
Page 19

OTHER MICRO-D CONNECTOR ACCESSORIES

500-016
Shorting can backshell for protection of stand-alone connectors. Lightweight aluminum with lanyard attachment options.
Page 20

507-035
Potting shell for easy encapsulation of solder-cup wire terminations. Lightweight aluminum.
Page 21

500-107
Lightweight aluminum protective cover for Micro-D plug or receptacle connectors with a variety of lanyard rope attachment options.
Page 22

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Dimensions in Inches (millimeters) are subject to change without notice.

Product Selection Guide

Micro-D Backshell Selection Guide

	Backshell Type									Cable Entry				Hardware						Other			
	EMI backshell	Available in Lightweight Composite	Strain Relief Backshell	Potting Shell / Shorting Can	Protective Cover	Round Cable Entry	Elliptical Cable Entry	Top Cable Entry	45° Cable Entry	Side Cable Entry	Slot Head Jackscrews	Hex Head Jackscrews	Extended Jackscrews	Screw Locks	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	Page No.
500-010	●					●		●	●	●	●	●	(1)	●	●		●	●	●				**6**
507-142	●					●		●			●	●	●		●		●	●	●				**8**
500-012			●			●		●	●	●	●	●	(1)		●				●				**9**
507-088	●	●				●		●	●	●	●	●	(1)		●			●	●				**10**
507-296	●						●	●		●	●	●	●		●			●		●			**12**
507-297	●						●		●		●	●	(1)		●			●		●			**14**
507-178	●						●	●			●	●	●	●		●		●				●	**16**
507-198			●					●			●	●	●		●				●				**18**
507-146			●					●			●	●	●		●				(2)	(2)			**19**
500-016	●			●							●	●	●		●				●				**20**
507-035				●							●	●	●		●				●				**21**
500-107					●						●	●	●		●								**22**

(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.

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