

# Series 38 EMI Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

## 380A\*103 EMI Backshell, Spin Coupling



**Shielded. Straight, 45° or 90°.** 380A\*103 backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Spin coupling. Cone and ring shield termination. Two ground rings for terminating individual and overall braid shields. Type H heavy duty saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

<b>Adapter Code</b>	<b>A</b>
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III	

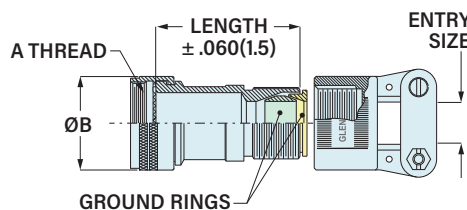
### PROFILE SELECTION GUIDE

<b>S</b> Straight	<b>A</b> 90°
<b>B</b> 45°	<b>C</b> 90°
<b>D</b> 90°	<b>F</b> 45°
<b>H</b> 45°	<b>J</b> 90°
<b>M</b> 45°	<b>N</b> 90°

### PART NUMBER

<b>380AS103</b>	<b>M</b>	<b>10</b>	<b>04</b>	<b>H</b>	<b>4</b>
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<b>Base P/N</b>	<b>Base Part No.</b>	<b>Profile</b>	<b>Shell Size</b>			
	<b>380AS103</b>	<b>S</b> Straight	08-28			
	<b>380AA103</b>	<b>A</b> 90° Elbow	08-28			
	<b>380AB103</b>	<b>B</b> 45° Elbow	08-28			
	<b>380AC103</b>	<b>C</b> 90° Low Prof.	10-24			
	<b>380AD103</b>	<b>D</b> 90° Split	08-24			
	<b>380AF103</b>	<b>F</b> 45° Split	08-24			
	<b>380AH103</b>	<b>H</b> 45° Cut/Weld	08-24			
	<b>380AJ103</b>	<b>J</b> 90° Cut/Weld	08-24			
	<b>380AM103</b>	<b>M</b> 45° Full Radius	08-28			
<b>380AN103</b>	<b>N</b> 90° Full Radius	08-28				
<b>Material/Finish</b>	<b>M</b>	Alum/ Electroless Nickel				
	<b>MT</b>	Alum/ Nickel-PTFE				
	<b>NF</b>	Alum/ Olive Drab Cadmium				
	<b>ZR</b>	Alum/ Black Zinc-Nickel				
	<b>TZ</b>	Alum/ Tin-Zinc				
	<b>ZI</b>	SST/ Passivated (Profiles H, J, M, N, S only)				
<b>Shell Size</b>		<b>08 10 12 14 16 18 20 22 24 28</b>				
<b>Entry Size</b>	<b>Entry Size</b>	<b>Max. Cable Dia.</b>	<b>Shell Size*</b>	<b>Entry Size</b>	<b>Max. Cable Dia.</b>	<b>Shell Size*</b>
	<b>03</b>	.250 (7.9)	08-28	<b>16</b>	.937 (23.8)	22-28
	<b>04</b>	.312 (7.9)	10-28	<b>20</b>	1.250 (31.8)	28
	<b>06</b>	.437 (11.1)	12-28	<b>24</b>	1.375 (34.9)	28
	<b>08</b>	.562 (14.3)	14-28	<b>28</b>	1.625 (41.3)	-
	<b>10</b>	.625 (15.9)	16-28	<b>32</b>	1.875 (47.6)	-
	<b>12</b>	.750 (19.1)	18-28			
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.						
⚠ Profile <b>C</b> entry size cannot exceed shell size range listed in table.						
<b>Strain Relief</b>		<b>H</b> Saddle Clamp				
<b>Length</b>	<b>3</b>	1.5 inches	Applies to Profile <b>S</b> only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.			
	<b>4</b>	2.0 inches				
	<b>6</b>	3.0 inches				
	<b>8</b>	4.0 inches				



Shell Size	A Thread Class 2B	øB Max	
		in	mm
<b>08</b>	0.500-20 UNF	.65	16.5
<b>10</b>	0.625-24 UNEF	.77	19.6
<b>12</b>	0.750-20 UNEF	.94	23.9
<b>14</b>	0.875-20 UNEF	1.07	27.2
<b>16</b>	1.000-20 UNEF	1.21	30.7
<b>18</b>	1.0625-18 UNEF	1.23	31.2
<b>20</b>	1.1875-18 UNEF	1.36	34.5
<b>22</b>	1.3125-18 UNEF	1.48	37.6
<b>24</b>	1.4375-18 UNEF	1.73	43.9
<b>28</b>	1.750-18 UNS	1.97	50.0

