



Series 38 EMI Backshells

for MIL-DTL-38999 Series I/II Connectors

380F*105 EMI Backshell, Spin Coupling, Self-Locking



Self-Locking

Adapter Code F

This accessory fits these connectors:
MIL-DTL-38999 Series I and Series II

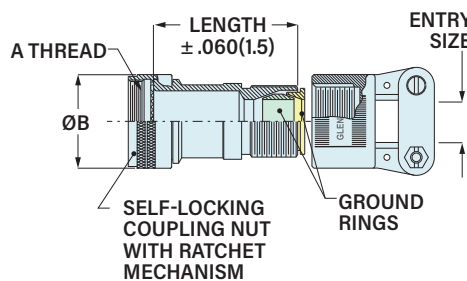
PROFILE SELECTION GUIDE

S Straight	A 90°
B 45°	C 90°
D 90°	F 45°
H 45°	J 90°
M 45°	N 90°

PART NUMBER

380FS105 M 10 04 H 4

Base P/N	Base Part No.	Profile							
	380FS105	S Straight							
	380FA105	A 90° Elbow							
	380FB105	B 45° Elbow							
	380FC105	C 90° Low Prof.							
	380FD105	D 90° Split							
	380FF105	F 45° Split							
	380FH105	H 45° Cut/Weld							
	380FJ105	J 90° Cut/Weld							
	380FM105	M 45° Full Radius							
380FN105	N 90° Full Radius								
Material/Finish	M Alum/ Electroless Nickel								
	MT Alum/ Nickel-PTFE								
	NF Alum/ Olive Drab Cadmium								
	ZR Alum/ Black Zinc-Nickel								
	TZ Alum/ Tin-Zinc								
ZI SST/ Passivated (Profiles H, J, M, N, S only)									
Shell Size	Shell Size								
	38999 Series I	9	11	13	15	17	19	21	23
38999 Series II	8	10	12	14	16	18	20	22	24
Size Code	08	10	12	14	16	18	20	22	24
Entry Size	Entry Size	Max. Cable Dia.	Shell Size*	Entry Size	Max. Cable Dia.	Shell Size*			
	03	.250 (7.9)	08-24	16	.937 (23.8)	20-24			
	04	.312 (7.9)	10-24	20	1.250 (31.8)	24			
	06	.437 (11.1)	12-24	24	1.375 (34.9)	-			
	08	.562 (14.3)	14-24	28	1.625 (41.3)	-			
	10	.625 (15.9)	14-24	32	1.875 (47.6)	-			
	12	.750 (19.1)	16-24						
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See <i>Maximum Entry Size</i> for details.									
⚠ Profile C entry size cannot exceed shell size range listed in table.									
Strain Relief	H Saddle Clamp								
Length	3 1.5 inches	<i>Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see next page), then 2 inch minimum applies.</i>							
	4 2.0 inches								
	6 3.0 inches								
	8 4.0 inches								



Shell Size	A Thread	øB Max
	UNEF-2B	in mm
8/9	0.4375-28	.860 21.8
10/11	0.5625-24	.970 24.6
12/13	0.6875-24	1.110 28.2
14/15	0.8125-20	1.210 30.7
16/17	0.9375-20	1.350 34.3
18/19	1.0625-18	1.460 37.1
20/21	1.1875-18	1.600 40.6
22/23	1.3125-18	1.700 43.2
24/25	1.4375-18	1.840 46.7

