



SERIES 77

Piggyback Boot Adapters/Backshells



310-057 Composite Piggyback Boot Adapter with EMI/RFI Drop-in Banding Porch - How to Order

How to Order								
Sample Part Number	310	F	S	057	BM	16	-2	K
Product Series	310 = Environmental piggyback boot							
Connector Designator (See Interface Dimensions Table Below)	A = MIL-DTL-83723, Series III; MIL-DTL-5015; MIL-DTL-26482 F = MIL-DTL-38999, Series I & II H = MIL-DTL-38999, Series III & IV							
Angular Function	S = Straight A = 90° B = 45°							
Basic Number	057							
Finish Symbol	BM = Electroless nickel BMT = Nickel-PTFE, nickel-fluorocarbon polymer BNS = Elective plating, nickel and cad O.D. see detail B							
Shell Size	See Interface Dimensions Table							
Boot Material Type	1 = Type 1 2 = Type 2 3 = Type 3; See boot material selection guide							
Pre-Coiled Band	K = Pre-coiled band Omit for none							



Boot Material Selection Guide			
Attribute	Type 1	Type 2	Type 3
	High-Performance Semi-Rigid Elastomer	Zero-Halogen Semi-Rigid Polyolefin	General Purpose Flexible Polyolefin
Continuous Operating Temp.	-75° to +150° c	-40° to +130° c	-55° to +135° c
Resistance To Fuels, Oils	Excellent	Very Good	Good
Low Toxicity, Zero Halogen	No	Yes	No

NOTES

- See Interface Dimensions table below
 - O-Ring not supplied with Connector Designator A. O-ring supplied with connector designator F and H only
 - Glenair 600-091 or 600-157 series backshell assembly tools are recommended for assembly and installation.
 - Recovered dimension apply to unrestricted recovery. Dimensions may differ than shown when boots are installed over assembly.
- Material and Finish**
- Coupling nut and adapter: high grade engineering thermoplastic black/NA
 - Drop-in adapter: brass/See How to Order table for finish
 - Anti-decoupling device: high grade engineering thermoplastic/NA
 - O-ring: silicone/NA
 - Shrink boot: elastomeric/NA
 - Band: SST/passivated

Interface Dimensions								
Connector Designator A		Connector Designator F		Connector Designator H		C Flats		
Shell Size Ref	A Thread Class 2B	Shell Size Ref	A Thread Class 2B	Shell Size Ref	A Thread Iso Metric	B Dia Ref	Max	Min
08	1/2-20 UNF	08	7/16-28 UNEF	A	M12 x 1.0-6H	.812 (20.6)	.750 (19.1)	.736 (18.7)
10	5/8-24 UNEF	10	9/16-24 UNEF	B	M15 x 1.0-6H	.938 (23.8)	.875 (22.2)	.860 (21.8)
12	3/4-20 UNEF	12	11/16-24 UNEF	C	M18 x 1.0-6H	1.125 (28.6)	1.000 (25.4)	.980 (24.9)
14	7/8-20 UNEF	14	13/16-20 UNEF	D	M22 x 1.0-6H	1.250 (31.8)	1.125 (28.6)	1.100 (27.9)
16	1-20 UNEF	16	15/16-20 UNEF	E	M25 x 1.0-6H	1.375 (34.9)	1.250 (31.8)	1.224 (31.1)
18	1 1/16-18 UNEF	18	1 1/16-18 UNEF	F	M28 x 1.0-6H	1.500 (38.1)	1.375 (34.9)	1.348 (34.2)
20	1 3/16-18 UNEF	20	1 3/16-18 UNEF	G	M31 x 1.0-6H	1.625 (41.3)	1.500 (38.1)	1.469 (37.3)
22	1 5/16-18 UNEF	22	1 5/16-18 UNEF	H	M34 x 1.0-6H	1.750 (44.5)	1.625 (41.3)	1.581 (40.2)
24	1 7/16-18 UNEF	24	1 7/16-18 UNEF	J	M37 x 1.0-6H	1.875 (47.6)	1.750 (44.5)	1.690 (42.9)

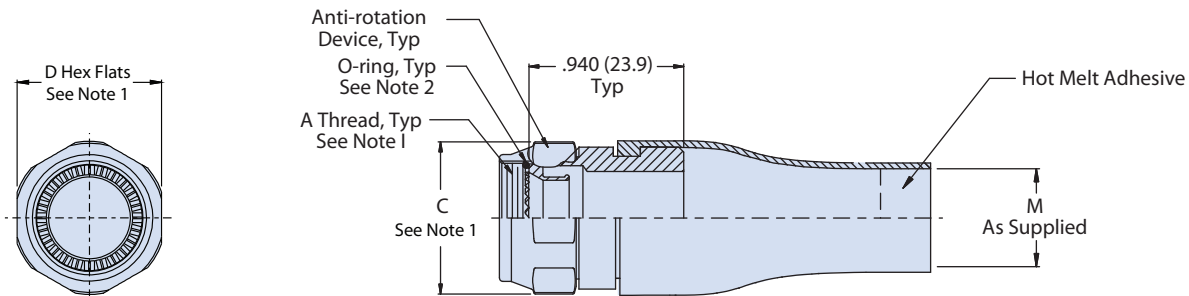


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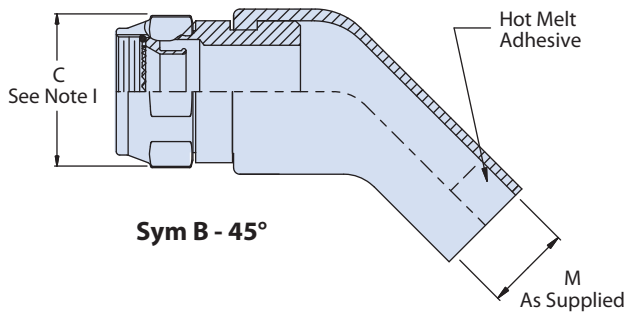
Piggyback Boot Adapters/Backshells



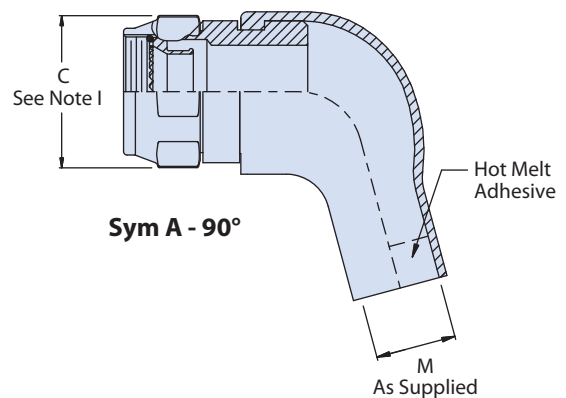
310-057 Composite Piggyback Boot Adapter with EMI/RFI Drop-in Banding Porch - Dimensions



Sym S - Straight

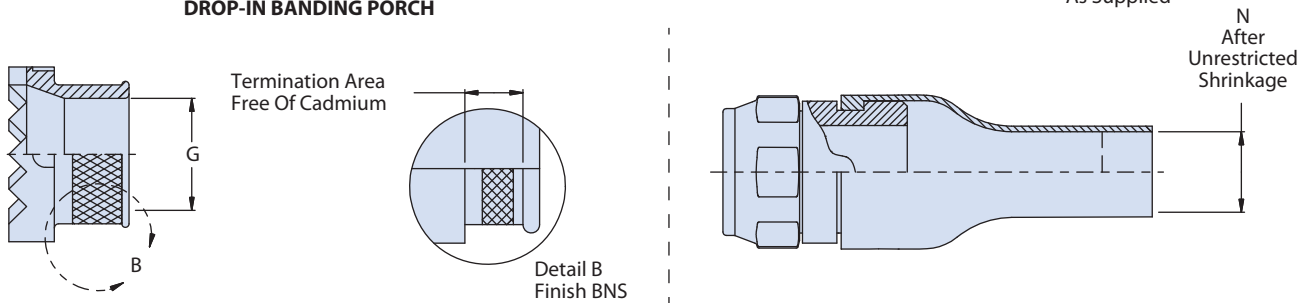


Sym B - 45°



Sym A - 90°

DROP-IN BANDING PORCH



Dimensions				
Shell Size By Connector Desig.		Ø G	M Min	N Max
A, F	H			
08	09	.140 (3.60)	.250 (6.40)	.197 (5.00)
10	11	.270 (6.90)	.355 (9.00)	.197 (5.00)
12	13	.390 (9.90)	.491 (12.5)	.236 (6.00)
14	15	.512 (13.0)	.565 (17.5)	.236 (6.00)
16	17	.637 (16.2)	.690 (19.5)	.276 (7.01)
18	19	.757 (19.2)	.769 (21.4)	.335 (8.51)
20	21	.881 (22.4)	.894 (22.7)	.394 (10.0)
22	23	1.006 (25.6)	1.019 (25.9)	.394 (10.0)
24	25	1.131 (28.7)	1.134 (28.8)	.591 (15.0)

