

LMA 79H Series - Heat Shrink Boot Backshells

For use with: MIL-DTL-38999 Series III / EN3645, MIL-DTL-38999 Series IV

Features

- Design based on AS85049/69 specification
- Sealing and strain relief achieved with the use of a heat shrink boot
- Two-part components allow uncoupling for repairs without damaging the boot

Additional Components Required

- Heat Shrinkable Boot



Part no example

LMA 79 H 1 - 13 - 1 - B

Range prefix

Backshell series

79 – Heat shrink boot backshell

Connector interface

H – MIL-DTL-38999 series III
MIL-DTL-38999 series IV

Compatible with connector series:
8D, JVS, TV, DTS, KJA/KJB, 233-105
and others *

Angle

1 – Straight

Plating

B – Cadmium drab olive
C – Electroless nickel
ZB – Zinc cobalt olive drab
ZN – Zinc nickel black
J – Passivated (Stainless Steel only)
Z – Shot blasted (NAB only)
U – Unplated clean finish (NAB only)

Material

1 – Aluminium
2 – Nickel Aluminium Bronze (NAB)
3 – Stainless Steel 303 531/304

Shell size

09 to 25

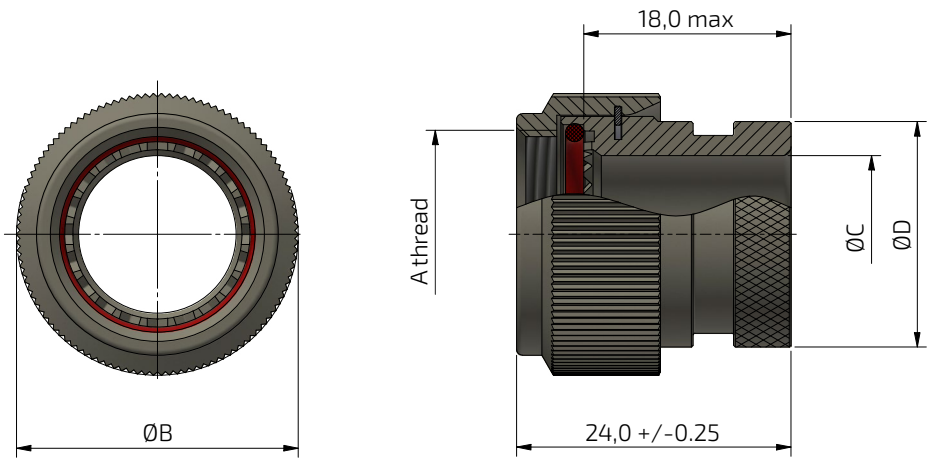
⚠ For EMC screen termination style, please see LMA19 Series. For ultra-low profile style, please see LMA67 Series.

Recommended Torque Values (in Nm) **

Shell size								
9	11	13	15	17	19	21	23	25
6	8.5	12	13	13	13	15	15	15

* – For details please contact local Sales Office.

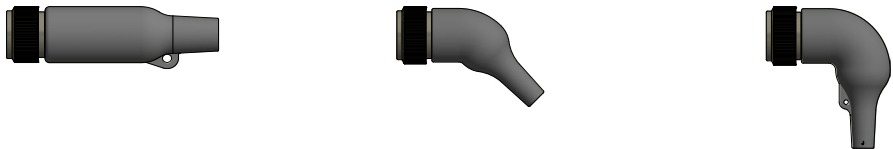
** – Before tightening the spin-coupling adapter, ensure the backshell teeth are correctly aligned and meshed with the connector teeth.



Shell size	A thread	ØB max	ØC min	ØD max
09	M12 x 1.0	18.25	7.10	13.50
11	M15 x 1.0	21.25	10.30	15.40
13	M18 x 1.0	24.75	13.60	19.70
15	M22 x 1.0	29.75	16.30	21.30
17	M25 x 1.0	33.25	19.50	24.50
19	M28 x 1.0	35.75	21.90	26.50
21	M31 x 1.0	37.55	25.20	30.90
23	M34 x 1.0	40.25	28.30	34.40
25	M37 x 1.0	44.25	31.50	36.60

Recommended Heat Shrinkable Boots (available from FC Lane Electronics)

Shell size	Part numbers (HellermannTyton)		
	Straight (150 Series)	45° (1800 Series)	90° (1100 Series)
09	152-42	N/A	1152-4
11	154-42	N/A	1154-4
13	155-42	1803-4	1155-4
15	155-42	1803-4	1155-4
17	156-42	1807-4	1156-4
19	156-42	1807-4	1156-4
21	157-42	1806-4	1157-4
23	157-42	1806-4	1157-4
25	158-41	1806-4	1158-4



The example part numbers indicated above provide a reference only to dimensional suitability with the associated backshell dimensions. **As many different cable types, materials and dimensions can be used within any given backshell assembly, it is important that the end-user carefully considers all aspects of the final assembly requirements when selecting and specifying appropriate part numbers.**

For full part number details, see the Hellermann Tyton catalogue at fclane.com website. Heat shrink boots and adhesive options are available from FC Lane Electronics Ltd.

LMA79H1 Circular Backshells datasheet ver. 1_1 © 2025 Weald Electronics Ltd