

HEAT SHRINK TERMINATION SLEEVES

AS83519/1 Type HST Sleeve



GS83519/1 • Without Lead Wire



Designed to meet SAE AS83519 performance requirements, Glenair Heat Shrink Termination (HST) shield-to-ground termination sleeves are fabricated from radiation cross-linked translucent blue PVDF tubing. Each HST device is equipped with a pre-fluxed solder preform and thermally-stabilized thermoplastic sealing rings that encapsulate and protect the shield-to-ground termination.

HOW TO ORDER			
Sample Part Number	GS83519	/1	3
Product Series	HST Sleeve		
Basic No.	/1 Without lead wire		
Size	1, 2, 3, 4, 5 (See Table)		

MATERIAL AND PERFORMANCE NOTES

- Insulation sleeve: heat-shrinkable, translucent blue PVDF
- Radiation crosslinked per AS23053/8
- Solder: Sn63 per IPC-J-STD-006
- Flux: ROL1 per IPC-J-STD-004
- Sealing ring: thermally stabilized thermoplastic, color blue
- Temperature rating: -55°C to +150°C
- Cable jacket rating: 125°C min
- Shield plating: tin or silver

HST SIZE AND DIMENSIONS										
Size	ØA Min	ØB Min	P±.07	W Ref	ØE Max	ØF Min	ØG Min	ØH Max	Mil P/N Ref	Marking Code
1	.105 (2.67)	.075 (1.91)	.65 (16.5)	.095 (2.42)	.105 (2.65)	.035 (0.90)	.020 (0.50)	.075 (1.90)	M83519/1-1	S0101G
2	.145 (3.68)	.105 (2.67)	.65 (16.5)	.095 (2.42)	.145 (3.68)	.055 (1.40)	.030 (0.72)	.105 (2.65)	M83519/1-2	S0102G
3	.200 (5.08)	.170 (4.32)	.65 (16.5)	.095 (2.42)	.200 (5.08)	.085 (2.15)	.050 (1.25)	.170 (4.30)	M83519/1-3	S0103G
4	.255 (6.48)	.235 (5.97)	.75 (19.0)	.125 (3.18)	.255 (6.45)	.130 (3.30)	.070 (1.80)	.235 (5.95)	M83519/1-4	S0104G
5	.300 (7.62)	.275 (6.99)	.75 (19.0)	.125 (3.18)	.300 (7.60)	.170 (4.30)	.100 (2.50)	.275 (7.00)	M83519/1-5	S0105G

WIRE PREPARATION DIAGRAMS	