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REV.
B

AS83519™/2

FEDERAL SUPPLY CLASS
5940

RATIONALE

GRAPHICS PLACEMENT CORRECTION; ADDITION OF METRIC DIMENSIONS; RESTATE AND FORMAT PER SAE TECHNICAL REPORT GUIDELINES.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS83519.

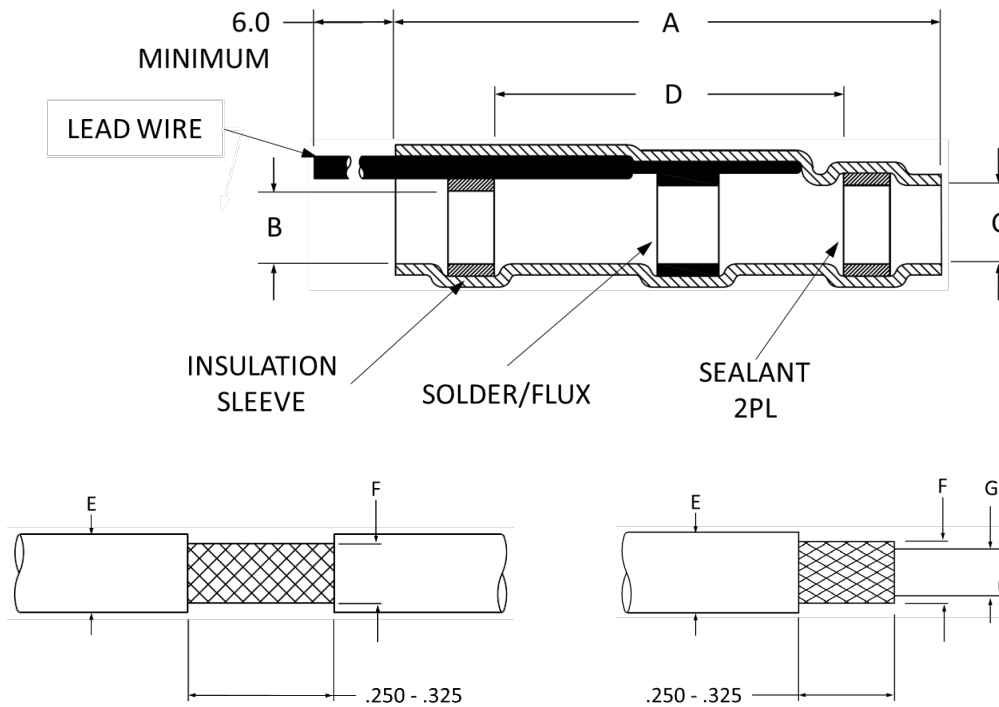
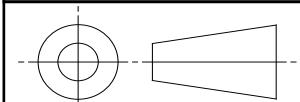


FIGURE 1 - CABLE DIAMETER RANGE AND PREPARATION MEASUREMENTS

For more information on this standard, visit

<https://www.sae.org/standards/content/AS83519/2B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS83519



AEROSPACE STANDARD

(R) SHIELD TERMINATION, SOLDER STYLE, INSULATED, HEAT-SHRINKABLE, ENVIRONMENT RESISTANT WITH PRE-INSTALLED LEADS FOR CABLES HAVING TIN OR SILVER PLATED SHIELDS (CLASS I)

AS83519™/2
SHEET 1 OF 5

REV.
B



Documents

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TABLE 1 - CONSTRUCTION DETAILS 1/

PART NUMBER	MARKING CODE	LEAD WIRE	A ± .070 (±1.78)	C MIN	C MIN	D MIN	E MIN	F MIN	G MIN
M83519/2-1	S0201X	M22759/32-20	.650 (16.51)	.075 (1.91)	.105 (2.67)	.325 (8.26)	.105 (2.67)	.035 (0.89)	.020 (0.51)
M83519/2-2	S0202X		.650 (16.51)	.105 (2.67)	.145 (3.68)		.145 (3.68)	.055 (1.40)	.030 (0.76)
M83519/2-3	S0203X		.650 (16.51)	.170 (4.32)	.200 (5.08)		.200 (5.08)	.085 (2.16)	.050 (1.27)
M83519/2-4	S0204X		.750 (19.05)	.235 (5.97)	.255 (6.48)		.255 (6.48)	.130 (3.30)	.070 (1.78)
M83519/2-5	S0205X		.750 (19.05)	.275 (6.99)	.300 (7.62)		.300 (7.62)	.170 (4.32)	.100 (2.54)
M83519/2-6	S0206X	M22759/32-22	.650 (16.51)	.075 (1.91)	.105 (2.67)		.105 (2.67)	.035 (0.89)	.020 (0.51)
M83519/2-7	S0207X		.650 (16.51)	.105 (2.67)	.145 (3.68)		.145 (3.68)	.055 (1.40)	.030 (0.76)
M83519/2-8	S0208X		.650 (16.51)	.170 (4.32)	.200 (5.08)		.200 (5.08)	.085 (2.16)	.050 (1.27)
M83519/2-9	S0209X		.750 (19.05)	.235 (5.97)	.255 (6.48)		.255 (6.48)	.130 (3.30)	.070 (1.78)
M83519/2-10	S0210X		.750 (19.05)	.275 (6.99)	.300 (7.62)		.300 (7.62)	.170 (4.32)	.100 (2.54)
M83519/2-11	S0211X	M22759/32-24	.650 (16.51)	.075 (1.91)	.105 (2.67)		.105 (2.67)	.035 (0.89)	.020 (0.51)
M83519/2-12	S0212X		.650 (16.51)	.105 (2.67)	.145 (3.68)		.145 (3.68)	.055 (1.40)	.030 (0.76)
M83519/2-13	S0213X		.650 (16.51)	.170 (4.32)	.200 (5.08)		.200 (5.08)	.085 (2.16)	.050 (1.27)
M83519/2-14	S0214X		.750 (19.05)	.235 (5.97)	.255 (6.48)		.255 (6.48)	.130 (3.30)	.070 (1.78)
M83519/2-15	S0215X		.750 (19.05)	.275 (6.99)	.300 (7.62)		.300 (7.62)	.170 (4.32)	.100 (2.54)
M83519/2-16	S0216X	M22759/32-26	.650 (16.51)	.075 (1.91)	.105 (2.67)		.105 (2.67)	.035 (0.89)	.020 (0.51)
M83519/2-17	S0217X		.650 (16.51)	.105 (2.67)	.145 (3.68)		.145 (3.68)	.055 (1.40)	.030 (0.76)
M83519/2-18	S0218X		.650 (16.51)	.170 (4.32)	.200 (5.08)		.200 (5.08)	.085 (2.16)	.050 (1.27)
M83519/2-19	S0219X		.750 (19.05)	.235 (5.97)	.255 (6.48)		.255 (6.48)	.130 (3.30)	.070 (1.78)
M83519/2-20	S0220X		.750 (19.05)	.275 (6.99)	.300 (7.62)		.300 (7.62)	.170 (4.32)	.100 (2.54)

1/ ALL DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS IN PARENTHESES ARE FOR REFERENCE ONLY AND SHALL NOT BE USED TO INSPECT PARTS.

	AEROSPACE STANDARD		AS83519™/2 SHEET 2 OF 5	REV. B
	(R) SHIELD TERMINATION, SOLDER STYLE, INSULATED, HEAT-SHRINKABLE, ENVIRONMENT RESISTANT WITH PRE-INSTALLED LEADS FOR CABLES HAVING TIN OR SILVER PLATED SHIELDS (CLASS I)			



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