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AS81824™/12

FEDERAL SUPPLY CLASS
5940

RATIONALE

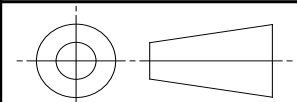
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS81824



AEROSPACE STANDARD

SPLICE, ELECTRIC, PERMANENT, CRIMP STYLE, TIN-COATED COPPER, INSULATED, ENVIRONMENT RESISTANT, CLASS 1, 150 °C, HEATLESS SEALING

AS81824™/12

**REV.
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Documents

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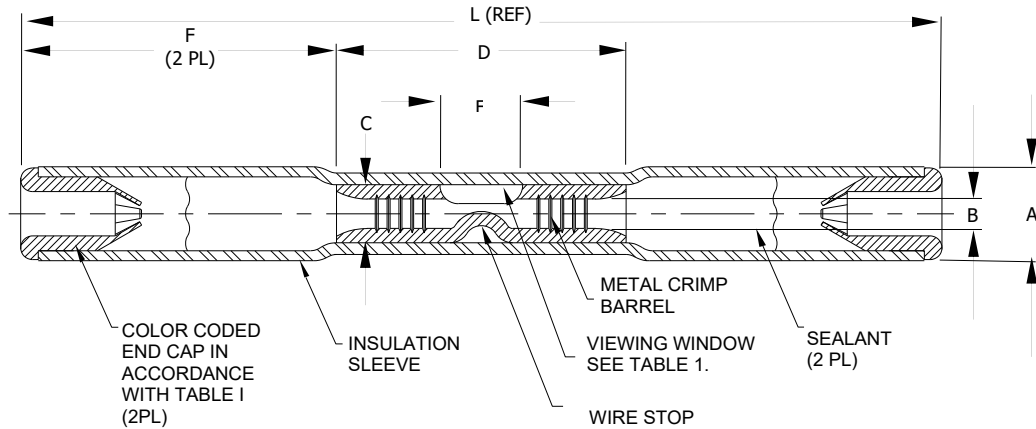


FIGURE 1 - HEATLESS SEALED SPLICE

TABLE 1 - CONSTRUCTION DETAILS – INCHES (MM)

PART NUMBER	WIRE SIZE RANGE	WIRE O.D. RANGE	A MAX	B $\pm .005$ (0.1)	C $\pm .008$ (0.2)	D $\pm .020$ (0.5)	E $\pm .010$ (0.3)	F $\pm .020$ (0.5)	(L)	END CAP COLOR CODE (2 PL)
M81824/12-1	26-24-22-20	.04-.07 (1.0-1.8)	.170 (4.3)	.048 (1.2)	.097 (2.5)	.475 (12.1)	.140 (3.6)	.500 (12.7)	1.475 (37.5)	RED
M81824/12-2	18-16	.06-.10 (1.5-2.5)	.205 (5.2)	.070 (1.8)	.133 (3.4)	.575 (14.6)	.120 (3.0)	.465 (11.8)	1.505 (38.1)	BLUE
M81824/12-3	14-12	.08-.14 (2.0-3.6)	.240 (6.1)	.095 (2.4)	.157 (4.0)	.575 (14.6)	.120 (3.0)	.465 (11.8)	1.505 (38.1)	YELLOW

NOTES:

1. CONDUCTOR VIEWING WINDOW AND WIRE STOP CONFIGURATION MAY VARY FROM THAT SHOWN.
2. CONTOURS MAY VARY FROM THAT SHOWN.
3. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE IN INCHES (MM).
4. METRIC EQUIVALENTS TO THE NEAREST 0.1 MM ARE GIVEN FOR GENERAL INFORMATION AND REFERENCE ONLY. VALUES ARE CALCULATED AND ROUNDED ON 1 INCH = 25.4 MM

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