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**REV.
B**

AS22759™/15

FEDERAL SUPPLY CLASS
6145

RATIONALE

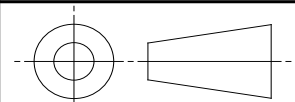
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8D

PROCUREMENT SPECIFICATION: AS22759



AEROSPACE STANDARD

WIRE, ELECTRIC, FLUOROPOLYMER-INSULATED,
FEP-PVF₂, LIGHT WEIGHT, SILVER-COATED HIGH
STRENGTH COPPER ALLOY CONDUCTOR,
600 VOLT, ROHS

AS22759™/15

**REV.
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Documents

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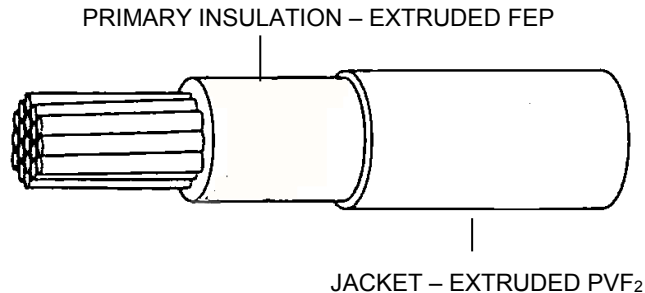
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ISSUED 2000-09 REVISED 2015-12 REAFFIRMED 2020-09 STABILIZED 2021-08

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS22759.



FEP – FLUORINATED ETHYLENE-PROPYLENE
PVF₂ – POLYVINYLIDENE FLUORIDE
CONDUCTOR – STRANDED SILVER COATED HIGH STRENGTH COPPER ALLOY

FIGURE 1 - AS22759/15 CONFIGURATION

TABLE 1 - CONSTRUCTION DETAILS FOR FINISHED WIRE

PART NO. ^{1/}	WIRE SIZE	STRANDING (NUMBER OF STRANDS X SIZE GAGE OF STRANDS) ^{2/}	DIAMETER OF STRANDED CONDUCTOR (INCHES)		FINISHED WIRE		
			(MIN)	(MAX)	RESISTANCE AT 20 °C (68 °F) (OHMS/1,000 FEET) (MAX)	DIAMETER (INCHES)	WEIGHT (LB/1,000 FEET) (MAX)
M22759/15-26-*	26	19 X 38	.0175	.0204	44.8	.037 ± .002	1.75
M22759/15-24-*	24	19 X 36	.0225	.0244	28.4	.042 ± .002	2.42
M22759/15-22-*	22	19 X 34	.0285	.0314	17.5	.048 ± .003	3.59
M22759/15-20-*	20	19 X 32	.0365	.0394	10.7	.056 ± .003	5.22

^{1/} PART NO.: THE ASTERISKS IN THE PART NUMBER COLUMN, TABLES 1 AND 3, SHALL BE REPLACED BY COLOR CODE DESIGNATORS IN ACCORDANCE WITH MIL-STD-681. EXAMPLES: SIZE 20, WHITE - M22759/15-20-9; WHITE WITH ORANGE STRIPE - M22759/15-20-93. PRINTING OF COLOR CODE DESIGNATOR ON SURFACE OF WIRE INSULATION IS NOT REQUIRED.

^{2/} CONDUCTOR SHALL CONFORM TO AS29606 TYPE SCA SMALL DIAMETER SILVER PLATED HIGH STRENGTH COPPER ALLOY CONDUCTOR.

	AEROSPACE STANDARD	AS22759™/15	REV.
	WIRE, ELECTRIC, FLUOROPOLYMER-INSULATED, FEP-PVF ₂ , LIGHT WEIGHT, SILVER-COATED HIGH STRENGTH COPPER ALLOY CONDUCTOR, 600 VOLT, ROHS	SHEET 1 OF 3 	B



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