

FED. SUPPLY CLASS

5940

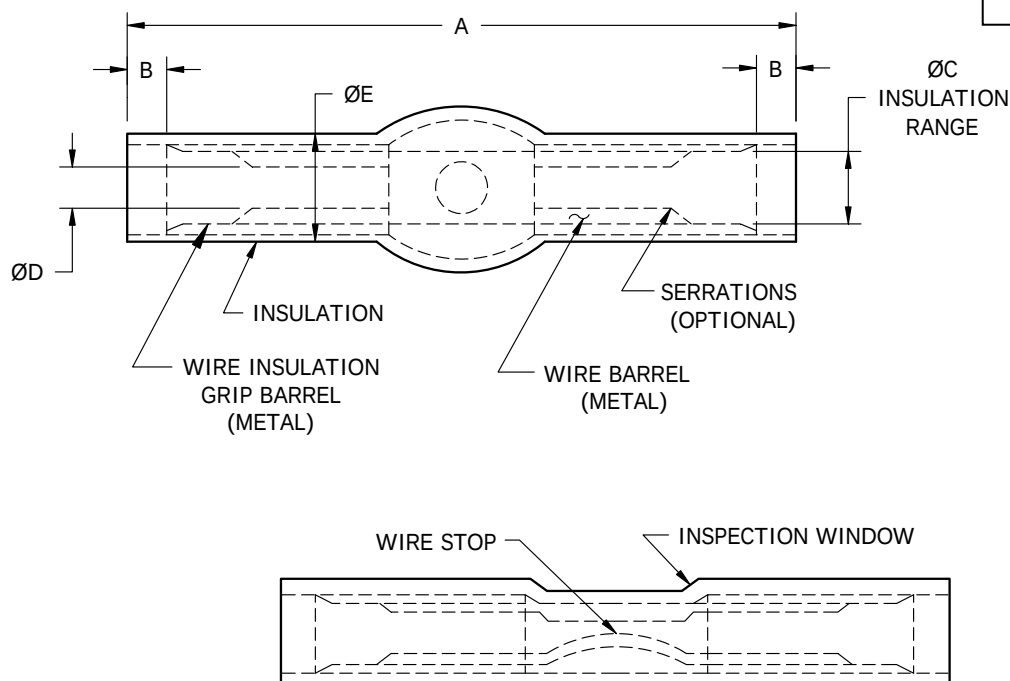
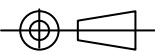


TABLE I – DIMENSIONS

DASH NO.	WIRE SIZE (AWG)	A LENGTH RANGE	B MIN	ØC INSULATION RANGE	ØD MIN /1/	ØE MAX	COLOR (INSULATION)	NOMINAL CONDUCTOR AREA (CIRCULAR MILS)
1	22-18	1.203 1.265	.125	.046 .125	.060	.218	RED	700-2,466
2	16-14	1.203 1.265	.125	.073 .150	.085	.270	BLUE	2,400-4,500
3	12-10	1.594 1.656	.125	.106 .220	.129	.340	YELLOW	5,600-10,600
4	24-20	.973 1.035	.090	.037 .100	.043	.175	WHITE	400-1,250
5	26-22	.797 .890	.093	.033 .082	.031	.150	YELLOW	250-760

⑩ COMPLETELY REVISED

THIRD
ANGLE
PROJECTION



CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

10

PROCUREMENT SPECIFICATION

TITLE

CLASSIFICATION
PART STANDARD

AS7928

**SPLICE, ELECTRIC, PERMANENT, CRIMP STYLE,
PRE-INSULATED, (CLASS 2) WIRE SIZES 10 TO 26**

DocuMe
SHEET 1 OF 2



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MATERIAL:

SEE PROCUREMENT SPECIFICATION.
INSULATION MATERIAL SHALL BE NYLON PER ASTM D4066. NYLON MATERIAL SHALL CONTAIN A MINIMUM OF 1.5% (BY WEIGHT) OF WATER WHEN PACKAGED.

FINISH:

ALL METALLIC SURFACES – ELECTRO-TIN PLATED PER ASTM B545.

NOTES:

- /1/ "ØD" IS EXPRESSED AS THE MINIMUM MINOR DIAMETER.
- (2) CRIMPING SHALL BE PERFORMED WITH THE MANUFACTURER'S RECOMMENDED TOOL OR OTHER TOOL QUALIFIED BY THE USER IN ACCORDANCE WITH THE PERFORMANCE REQUIREMENTS OF AS7928.
- (3) WIRE INSERTION TO BE FACILITATED BY BELLMOUTH OR CHAMFER.
- (4) INSPECTION WINDOW AND WIRE STOP SHALL BE PROVIDED AT CENTER OF SPLICE.
- (5) INSULATION GRIP AND WIRE BARREL MAY BE OF SINGLE OR MULTIPLE PIECE CONSTRUCTION.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (7) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (8) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (9) PARTS SHALL BE CLEARLY AND PERMANENTLY MARKED WITH THE WIRE SIZE (EXCEPT FOR DASH NUMBERS "4" AND "5") AND MANUFACTURER'S IDENTIFICATION.
- (10) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (11) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (12) PACKAGING: PARTS SHALL BE SEALED IN A MOISTURE-TIGHT CONTAINER. THE CONTAINER SHALL BE CLEARLY MARKED WITH THE FOLLOWING:
 - a. NAS PART NUMBER.
 - b. VENDOR'S IDENTIFICATION OR COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE AND PART NUMBER.
 - c. WIRE SIZE RANGE OF PARTS.
 - d. INSULATION COLOR.
 - e. NUMBER OF PIECES. (NOT TO EXCEED 50, UNLESS OTHERWISE SPECIFIED BY PURCHASER).
 - f. DATE OF PACKAGING.

(10) COMPLETELY REVISED

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SHEET 2



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