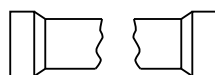
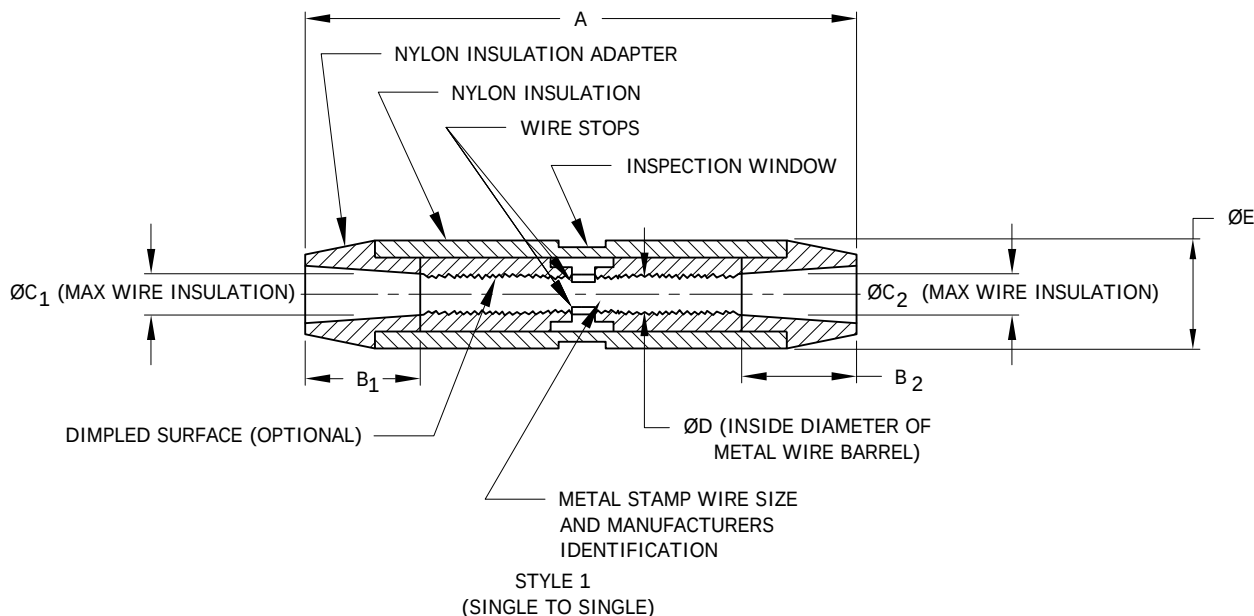


FED. SUPPLY CLASS

5940



STYLE 2
(MULTIPLE TO MULTIPLE)



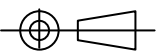
STYLE 3
(SINGLE TO MULTIPLE)

TABLE I – DIMENSIONS

PART NUMBER	STYLE	WIRE SIZE (AWG)	A ±.031	B ₁ MIN	B ₂ MIN	ØC ₁ MAX	ØC ₂ MAX	ØD MIN /5/	ØE MAX	COLOR (INSULATION)	NOM. COND. AREA (CIR. MILS)
NAS1389-1	1	8	2.032	.500	.500	.255	.255	.180	.375	RED	16983
NAS1389-2	2	8	2.234	.600	.600	.335	.335	.180	.375	RED	16983
NAS1389-3	3	8	2.125	.500	.600	.255	.335	.180	.375	RED	16983
NAS1389-4	1	6	2.234	.500	.500	.310	.310	.224	.437	BLUE	26813
NAS1389-5	2	6	2.453	.600	.600	.415	.415	.224	.437	BLUE	26813
NAS1389-6	3	6	2.328	.500	.600	.310	.415	.224	.437	BLUE	26813
NAS1389-7	1	4	2.750	.687	.687	.370	.370	.280	.500	YELLOW	42613
NAS1389-8	2	4	2.750	.687	.687	.495	.495	.280	.500	YELLOW	42613
NAS1389-9	3	4	2.750	.687	.687	.370	.495	.280	.500	YELLOW	42613
NAS1389-10	1	2	3.046	.812	.812	.445	.445	.357	.600	RED	66832
NAS1389-11	2	2	3.046	.812	.812	.595	.595	.357	.600	RED	66832
NAS1389-12	3	2	3.046	.812	.812	.445	.595	.357	.600	RED	66832
NAS1389-13	1	1/0	3.766	.875	.875	.545	.545	.444	.720	BLUE	105022
NAS1389-14	2	1/0	4.016	1.000	1.000	.745	.745	.444	.720	BLUE	105022
NAS1389-15	3	1/0	3.890	.875	1.000	.545	.745	.444	.720	BLUE	105022

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
3

PROCUREMENT SPECIFICATION

AS7928

TITLE
SPLICE, ELECTRIC, PERMANENT, CRIMP STYLE, PRE-INSULATED (CLASS 2) WIRE SIZES 8 TO 1/0

CLASSIFICATION
PART STANDARD

NAS1389
SHEET 1 OF 2



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MATERIAL:

SEE PROCUREMENT SPECIFICATION. INSULATION MATERIAL SHALL BE NYLON PER ASTM D4066 ~~MIL-M-20693A, TYPE I OR TYPE III~~. NYLON MATERIAL SHALL CONTAIN A MINIMUM OF 1.5% (BY WEIGHT) OF WATER WHEN PACKAGED.

FINISH:

ELECTRO-TIN PLATE ALL METALLIC SURFACES. (NO MERCURY CONTAMINATION ALLOWED).

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 AND PART NUMBER.
- c. WIRE SIZE RANGE OF PARTS.
- d. INSULATION COLOR.
- e. NUMBER OF PIECES (NOT TO EXCEED 50 UNLESS OTHERWISE SPECIFIED ON THE PURCHASE ORDER).
- f. DATE OF PACKAGING.

NOTES:

- (1) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (2) UNLESS OTHERWISE REFERENCED 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.
- (3) DIMENSIONS IN INCHES.
- (4) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- /5/ ØD TO BE DETERMINED AS AVERAGE OF TWO DIAMETERS MEASURED AT RIGHT ANGLES.
- (6) 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.
- (7) WIRE INSERTION TO BE FACILITATED BY BELLMOUTH OR CHAMFER.
- (8) INSPECTION WINDOW AND WIRE STOP SHALL BE PROVIDED AT CENTER OF SPLICE.
- (9) SPLICE INSULATION MAY BE SINGLE OR MULTIPLE-PIECE CONSTRUCTION.
- (10) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

③ COMPLETELY REVISED

REVISION

3

NAS1389

SHEET 2



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