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NOTES

2903471-1

1. DESCRIPTION: WIRE ELECTRICAL, SINGLE CONDUCTOR, HIGH VOLTAGE.
2. REQUIREMENTS:
 - 2.1 CONDUCTOR: NO. 14 AWG, STRANDED, MINIMUM 19 STRANDS, EACH .0142 (NO. 27 AWG) SILVER PLATED ANNEALED COPPER WIRE.
 - 2.2 INSULATION: SILICONE RUBBER, WHITE, EXTRUDED OVER A SEMICONDUCTING LAYER. AT ANY CROSS-SECTION ALONG THE COMPLETED WIRE THE MINIMUM THICKNESS OF THE INSULATION SHALL NOT BE LESS THAN 70 PERCENT OF THE MAXIMUM THICKNESS AT THAT CROSS-SECTION.
 - 2.3 MAXIMUM OVERALL DIAMETER: .325 INCH.
 - 2.4 MAXIMUM OPERATING VOLTAGE: 60,000 VOLTS D.C., 18,000 VOLTS RMS.
 - 2.5 MINIMUM DIELECTRIC STRENGTH: 45,000 VOLTS RMS, 60 HZ FOR ONE (1) MINUTE.
 - 2.6 SPARK TEST: 100 PERCENT OF THE FINISHED WIRE SHALL BE SPARK TESTED AT 10,000 VOLTS RMS.
 - 2.7 TENSILE STRENGTH OF INSULATION: 800 PSI, MINIMUM.
 - 2.8 OPERATING TEMPERATURE RANGE: -65°C TO +200°C.
 - 2.9 MINIMUM BEND DIAMETER FOR BEND TEST AT -65°C SHALL BE 3 INCHES.
3. QUALITY ASSURANCE PROVISIONS: LOT ACCEPTANCE SHALL BE AS DEFINED IN THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN THE INDIVIDUAL PURCHASE ORDER.

SUGGESTED SOURCE(S) OF SUPPLY:

BOSTON INSULATED WIRE AND CABLE CO., CODE IDENT NO. 71102
BOSTON, MASSACHUSETTS
PART NO. 2841-L-G14 (WHITE)

CONTINENTAL WIRE CORP., CODE IDENT NO. 91032
560 MARYLAND AVENUE
YORK, PENNSYLVANIA 17405
PART NO. EN8845 (WHITE)

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|-------|----------------|----------------|
| SIZE | CODE IDENT NO. | NAVORD DWG NO. |
| A | 10001 | 2903471 |
| SCALE | NONE | REV B |
| | | SHEET 2 |