REVISIONS							
ZONE	REV	DESCRIPTION	DATE	DWN	CHKR	ENGR	APVD

PART NO.	WIRE SIZE A.W.G.	CROSS SEC. CIR. MILS SEE NOTE 3	SEE NOTES 1,2- WIRE CONSTR			MAX. L. OF LAY INCHES	INSULATION		MIN. INS. TEST V. RMS SEE NOTE 4.	COLOR
			NO. OF STRANDS	INDV. WIRE DIA. INCH	TYPE OF STRANDING		OD±.005 SEE NOTE 7	INS. TH'K		
334-893134-001	14	4100	41	.010	BUNCH	2.000	.235	.078	4500	BROWN
334-893134-002	14	4100	41	.010	BUNCH	2.000	.235	.078	4500	RED

NOTES:

1. CHEMICAL COMPOSITION: ELECTROLYTIC COPPER OR LOW RESISTENCE LAKE COPPER SUITABLE FOR ELECTRICAL USE.
   MINIMUM PURITY: 99.9000% SILVER COUNTED AS COPPER
   TINNING PER ASTM B33-53T
2. ELECTRICAL RESISTIVITY: .15328 INT. OHM (METER, GRAM), OR 10.371 OHMS/CIR. MIL. FT. AT 68°F
3. CROSS SECTIONAL TOLERANCE: THE AREA OR CROSS SECTION EXPRESSED IN CIRCULAR MILS SHALL NOT BE LESS THAN 98% OF AREA INDICATED IN ABOVE TABULATION.
4. DIAELECTRIC STRENGHT TEST: WIRE SHALL BE CAPABLE OF WITHSTANDING WITHOUT BREAKDOWN FOR ONE MINUTE AT ROOM TEMPERATURE THE APPLICATION OF 60 CYCLE SINUSOIDAL POTENTIAL PER TABULACION BETWEEN CONDUCTOR AND METAL FOLL TIGHTLY WRAPPED OVER THE CENTER THREE FOOT SECTION OF A FIVE FOOT STRAIGHT LENGTH SPACIEM.
5. TYPE DESIGNATION: 600 VOLTS APPLIANCE WIRING MATERIAL
6. WIRE TO BE WOUND ON SPOOLS- MAXIMUM OF 2500 FT. PER SPOOL, AND MARKED WITH OUR PART AND PURCHASE ORDER NUMBER
7. NEOPRENE INSULATION (90°C) SHALL BE USED WHOSE SURFACE IS FREE FROM SILICONE COMPOUNDS, WAX, AND OTHER FOREING SURFACE CONTAMINATION

DWG NO 334-893134-001 SHT 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
FRACTIONS ±1/32 DECIMALS .XX ±0.01 .XXX ±0.005 ANGLES ±2°

MATERIALS

FINISH

THIS DRAWING AND THE SUBJECT MATTER SHOWN HEREON IS CONSIDERED CONFIDENTIAL AND MAY BE PROPRIETARY. UN-AUTHORIZED DISCLOSURE TO OTHER PARTIES IS EXPRESSLY FORBIDDEN.

CONTRACT NO

USED ON

APPROVALS		DATE
DWN	AG	10/6/2006
CHKR	IH	10/6/2006
ENGR	RR	10/6/2006
APVD	EM	10/6/2006
DWO		CO#
CAD#		

Chromalox® PRECISION HEAT AND CONTROL
Ogden, Utah 84404
www.chromalox.com

WIRE-COPPER TINNED
NEOPRENE INSULATION

SIZE	CODE IDENT	DRAWING NO	REV
C	07131	334-893134-001	0

SCALE NONE | DO NOT SCALE DRAWING | SHEET 001 OF 001