

DWG NO. 609756

REV D

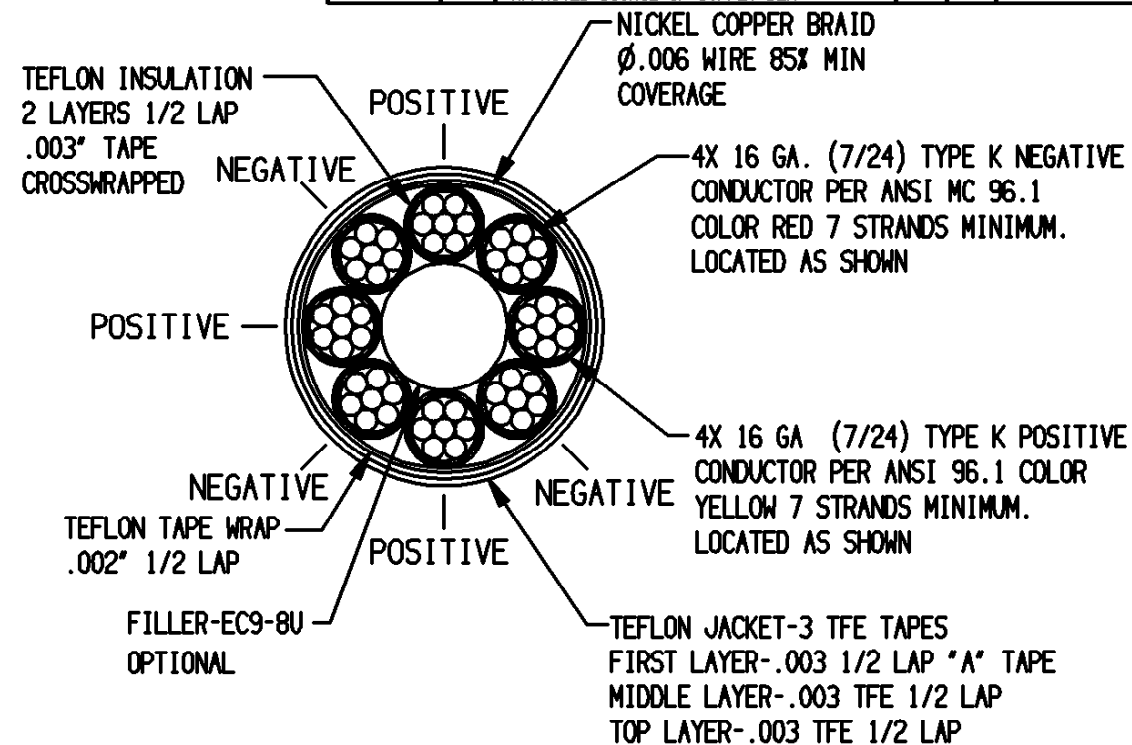
DATE	LET.	REVISION	BY	CHK	APPROVALS
7-26-96	B	EC16380-187 (1) WAS LAST REV	PB	SKK	MW
5/10/99	C	EC16380-448 (1) ADD NOTE 5	KH	PJB	EAL
7/11/03	D	EC16380-375 (1) CHGD NOTE 5 (2) CHGD ALU-MEL AND AL TO NEGATIVE AND CHROMEL AND CR TO POSITIVE (3) CHGD TITLE BLK AND APPROVED SOURCE OF SUPPLY BLK	KH	-	CP

NOTES:

- LAY LENGTH: I.A.W. MIL-C-27500
- INSPECTION: A. I.R. - 500 MEGOHMS MIN AT 500 VDC
B. CONTINUITY
- O.D. (.342).
- THESE CABLES SHALL BE SUBJECTED TO A WET DIELECTRTIC TEST IN ACCORDANCE WITH METHOD 6111 OF FED STD-228, EXCEPT THE TIME OF IMMERSION WILL BE ONE HOUR MINIMUM. THE TEST VOLTAGE SHALL BE 1000 V RMS AND THE TIME OF ELECTRIFICATION SHALL BE ONE MINUTE. TEST VOLTAGE SHALL BE APPLIED BETWEEN THE CONDUCTORS AND SHIELDS TO THE WATER.
- RESISTANCE OF THERMOCOUPLE TYPE K NEGATIVE/TYPE K POSITIVE LEADS:
THERMOCOUPLE TYPE K NEGATIVE- ϕ .635_a/PER 10 FT \pm 5%
THERMOCOUPLE TYPE K POSITIVE-1.525_a/PER 10 FT \pm 5%

NOTES CONT:

- THE TYPE KN AND KP THERMOCOUPLE CONDUCTOR WIRES MUST COMPLY WITH THE REQUIREMENTS OF G.E.A.E SPECIFICATION M50TF68.



APPROVED SOURCE OF SUPPLY			
SUPPLIER DATA			
AMETEK P/N	SOURCE P/N	SOURCE CAGE	SOURCE NAME AND ADDRESS
609756-00	852-4855052	60685	SPECIALTY WIRE & CABLE 2 TOWER DR. WALLINGFORD, CT

ONLY THE ITEM DESCRIBED ON THIS DRAWING, WHEN PROCURED FROM THE VENDOR LISTED HEREON, IS APPROVED BY REVERE AEROSPACE INC FOR USE IN THE APPLICATION SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL OF AMETEK AEROSPACE INC.

IDENTIFICATION OF THE SUGGESTED SOURCE OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM.

SOURCE CONTROL DRAWING

DRAWN	RECHECKED	ENG. APPR.	ENG. APPR.	ENG. APPR.	APPROVED	RE-APPROVED
WHH	SKK	BD	ES		JB	DINO CALOGERO
91-08-23	7/26/96	92-01-14	92-01-23		92-01-22	7/11/03

CURRENT DESIGN ACTIVITY CAGE CODE 97424



AEROSPACE PRODUCTS INC. WILMINGTON, MA.

THIRD ANGLE PROJECTION
[INCH/mm]

Revere AEROSPACE WALLINGFORD, CONNECTICUT

THERMOCOUPLE CABLE
(4 TYPE K POS/4 TYPE K NEG 16 AWG)

609820-XX	608937-XX
NEXT ASSY	USED ON
APPLICATION	
THREADS PER HANDBOOK H-28 AND MIL-STD-9	DIMENSIONING & TOLERANCING PER ANSI Y14.5M-1982
CAGE NO. 50625	SIZE B
SCALE NONE	DRAWING NUMBER 609756
DO NOT SCALE DWG	CONTRACT NO.
SHEET 1 OF 1	

PROPRIETARY

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DRAWINGS OR DISCLOSED TO OTHERS OR USED FOR MANUFACTURING OR ANY OTHER PURPOSE WITHOUT WRITTEN PERMISSION OF REVERE AEROSPACE, INC. WHERE RELATED TO A UNITED STATES GOVERNMENT CONTRACT, SUCH INFORMATION MAY BE DISCLOSED AS PROVIDED IN SUCH CONTRACT AND MAY BE USED BY THE UNITED STATES GOVERNMENT FOR MAINTENANCE, SERVICING, AND REPAIR PURPOSES OR AS OTHERWISE PROVIDED BY SUCH PRIOR WRITTEN PERMISSION.

UNLESS OTHERWISE SPECIFIED				
BREAK SHARP EDGES .01 - .03	125/ SURFACE ROUGHNESS PER ANSI B46.1	ALL DIMENSIONS APPLICABLE AFTER SURFACE TREATMENT		
ALLOWABLE TOLERANCES				
FRACTIONS \pm	INCHES 2 PL DEC. \pm .03 3 PL DEC. \pm .005	ANGLES \pm 2°	MILLIMETERS 1 PL DEC \pm 0.8 2 PL DEC \pm 0.13	
STOCK SIZE		HEAT TREAT		
MATERIAL SPEC.		FINISH SPEC.		

C