

DWG NO  
**609740**

REV  
**D**

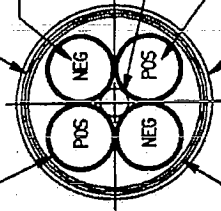
**NOTES:**

- LAY LENGTH: I.A.M. MIL-C-27500
- INSPECTION: A. I.R. - 500 MEGOHMS MIN AT 500 VDC  
B. CONTINUITY
- O.D. (-.215).
- THESE CABLES SHALL BE SUBJECTED TO A NET DIELECTRIC 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 THERMOUPLE TYPE K NEGATIVE/THERMOUPLE TYPE K POSITIVE LEADS:  
THERMOUPLE TYPE K NEGATIVE- $\phi$  .635m/PER 10 FT  $\pm$ 33  
THERMOUPLE TYPE K POSITIVE-1.325m/PER 10 FT  $\pm$ 33

**NOTES CONT:**

- THE TYPE KN AND KP THERMOUPLE CONDUCTOR WIRES MUST COMPLY WITH THE REQUIREMENTS OF G.E.A.E. SPECIFICATION MS01T88.

TEFLON INSULATION  
2 LAYERS 1/2 LAP  
.003" TYPE  
CROSSWRAPPED



TEFLON TAPE WRAP  
.002" 1/2 LAP

APPROVED SOURCE OF SUPPLY		
SUPPLIER DATA		
AMETEK P/N	SOURCE P/N	SOURCE CAGE
609740-00	852-465S037	60685
SPECIALTY WIRE & CABLE		
2 TOWER DR.		
WALLINGFORD, CT		

ONLY THE ITEM DESCRIBED ON THIS DRAWING, WHEN PROCURED FROM THE VENDOR LISTED HEREIN, IS APPROVED BY AMETEK 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**

CURRENT DESIGN ACTIVITY CAGE CODE 97424



AEROSPACE PRODUCTS INC. WILMINGTON, MA.

**Revolve  
AEROSPACE**

WALLINGFORD, CONNECTICUT

DRAWN WHH	RECHECKED 91-09-09	SKK	7/26/96	ENG. APPR. BD	91-10-18	BI	92-02-04	ES	91-09-11	ARS	91-09-15	RE-APPROVED DINO CALOGERO	7/11/03
THIRD ANGLE PROJECTION TYPICAL TYPICAL		609815-XX 608929-XX											
NEXT ANGLE APPLICATION		609815-XX 608929-XX											
WEIGHT		609732-XX 608219-XX											
SCALE		NONE											
CAGE NO.		50625											
DRAWING NUMBER		609740											
SIZE		B											
CONTRACT NO.		DO NOT SCALE DWG											
SHEET 1 OF 1		C											

**PROPRIETARY**

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE REPRODUCED OR TRANSMITTED TO OTHER DRAWINGS OR DISCLOSED TO OTHERS OR USED FOR MANUFACTURING OR ANY OTHER PURPOSE WITHOUT WRITTEN PERMISSION OF REVOLVE 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/ SQUARE SURFACES PER ANET 8-4-1
ALLOWABLE TOLERANCES	
FRACTIONS ±	INCHES 5 P.L. DEC. ± .005
±	MILLIMETERS 5 P.L. DEC. ± 0.13
STOCK SIZE	
HEAT TREAT	
FINISH SPEC.	