

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	T. BRAWN RDA 9789 (1) WAS SHEET 1 OF 2 (2) ADDED P002	9/9/03	S. Goodman
B	PONIKIEWSKI RDA10499 (1) WAS SHEET 1 OF 3 (2) ADDED P003	7/24/06	C PROUTY

PROPRIETARY  
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UNLESS OTHERWISE SPECIFIED USE APPLIED PRACTICES 24200 ALL MACHINED SURFACES		DECIMAL TOLERANCES 2 PLACE .25 INCH OR LESS + .01 2 PLACE OVER .25 INCH + .02 3 PLACE + .000 ANGLES ± 1°		RELEASED FOR ENGINEERING DEVELOPMENT	PROJECT ENGR G. Power	—	2/7/02
STD	MFG T. Bryk	2/7/02	ISSUED FOR PRE-PRODUCTION	PROJECT ENGR G. Power	—	—	2/7/02
R&QA J. Leighton	2/7/02	ISSUED FOR PRODUCTION	MFG ENGR	—	—	—	—
ADD. CONTRACT #	ADDITIONAL APPROVALS	DATE	CONFIGURATION LEVEL	APPROVALS	REV	DATE	
SEE SEPARATE PARTS LIST (FOR ASSEMBLY DWGS ONLY)			DIST TO				
FOR AMETEK USE ONLY		CONTRACT NO.		<b>AMETEK</b>			
ABBR CA			AEROSPACE		WILMINGTON, MA 01887		
FMF T/C VARIOUS	APPROVALS	DATE	TITLE				
MODEL HOSKINS	DRAWN TYPING	2/6/02	CABLE, 20 AWG SJPR SHIELDED TYPE K T/C				
MATERIAL	CHK'CK'FN K. Hunter	2/6/02	SIZE	CAGE CODE	DWG NO.	REV	
	REISSUED		A	97424	1942A91	B	
	ENGR G. Power	2/7/02	SCALE	NONE	WEIGHT	SHEET	1 OF 4
W971942A91.doc	RDA/ECC	9500					

NOTES:

AMETEK PART NUMBER: P001 **MOD**

- 1) 20 AWG (19/32 TYPE K, SHIELDED TWISTED, JACKETED TYPE-K THERMOCOUPLE CABLE PER ~~MIL-C-27500-20JF2N09~~ EXCEPT AS FOLLOWS:
  - A. CONDUCTOR MATERIAL: **MIL-C-27500-20JF2N09**
    1. POSITIVE LEG: TYPE-K-POSTIVE STANDARD GMV GRADE.  
NEGATIVE LEG: TYPE-K-NEGATIVE STANDARD GMV GRADE.
    2. 20 AWG (19/32) STRANDED.
  - B. CONDUCTOR INSULATION:
    1. POSITIVE LEG: EXTRUDED TFE (.008" WALL THICK)  
COLOR: YELLOW.
    2. NEGATIVE LEG: EXTRUDED TFE (.008" WALL THICK)  
COLOR: RED.
  - C. SHIELDING :
    1. BRAIDED SHIELD, NICKEL COPPER, 36 AWG 90% MINIMUM OPTICAL COVERAGE.
  - D. JACKET:
    1. EXTRUDE FEP (TEFLON 100).  
COLOR: BROWN.
  - E. DIAMETER:
    1. .157 APPROX.