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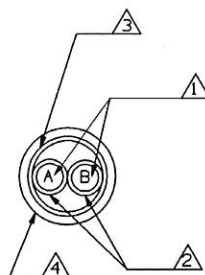
2

1

DATE	LET	REVISION	BY	CHK	APPROVALS
08-05-15	A	ECO16789-43 16789-43A CHANGED NOTE 1,3,4,5.	AJFSKK	CP	
12/20/04	B	ECO16789-92 (1) REV NOTE 1,2	PB	RS THURLOW	

NOTES:

- 1 CONDUCTORS: CONDUCTORS SHALL CONFORM TO THE REQUIREMENTS OF NIST MONOGRAPH 175 FOR TYPE K (KP-KN) WIRE WITHIN $\pm 2^{\circ}\text{F}$ UP TO 400°F .
A. KN -20 GAGE (7/28)
B. KP -20 GAGE (7/28)
- 2 CONDUCTOR INSULATION: CROSSLINKED TEFLON (EXTRUDED).
COLOR: KN-RED KP-YELLOW
- 3 SHIELD: 38 GAGE NICKEL COATED COPPER WITH 85% MINIMUM OPTICAL COVERAGE.
- 4 CABLE JACKET: EXTRUDED CROSSLINKED TEFLON.
COLOR: YELLOW
- 5. THIS CABLE SHALL HAVE A CONSTRUCTION SIMILAR TO MIL-C-2750020SN2N23 (REF.) WITH THE FOLLOWING EXCEPTIONS:
A. CONDUCTOR MATERIAL PER NOTE 1
B. CONDUCTOR INSULATION AND JACKET COLORS PER NOTES 2 AND 4
C. CONDUCTOR DIAMETER (UNINSULATED) OF $.0365 \pm .0010$
D. INSULATED CONDUCTOR DIAMETER OF $.0565 \pm .0020$
E. FINISHED CABLE DIAMETER OF $.143$ REFERENCE.



01

-00 NOT IN USE

CURRENT DESIGN ACTIVITY CAGE CODE 97424
AMETEK
 AEROSPACE PRODUCTS INC. WILMINGTON, MA.

610825 B

QTY. REQ'D/DASH NO.		PART OR IDENTIFYING NO.		ITEM	DESCRIPTION	REMARKS
LIST OF MATERIALS						
DRAWN	CHECKED	ENG. APPR.	ENG. APPR.	APPROVED	RE APPROVED	DATE
P. J. BOVA	SKK	C. PROUTY	B. DICICCO	N. K. WOODS	T. McDONALD	
3/27/96	4/3/96	3/27/96	3/27/96	4/1/96	12/20/04	
UNLESS OTHERWISE SPECIFIED						
INCHES	MILLIMETERS	BREAK SWAGE	ANGLES 12"	SPECIFIC TO THIS REVISION		
2 PL. DEC. 4.03	1 PL. DEC. NO. 8	1.03 - .05		NEXT ASSEMBLY		
HEAT TREAT						
MATERIAL SPEC.						
FINISH SPEC.						
APPLICATION						
SURFACE FINISH PER MIL-STD-883C, METHOD 2000, 10-20 AND MIL-STD-883C						
THREADS PER MIL-STD-883C, METHOD 2000, 10-20 AND MIL-STD-883C						
DIMENSIONING & TOLERANCING PER ASSET Y14.5M-1992						
CAGE NO.		SIZE		DRAWING NUMBER		
50625		C		610825		
DO NOT SCALE DWG						
CONTRACT NO.						SHEET 1 OF 1

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2

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610825 B



Aerospace & Defense

Material Review Board (MRB)

QDR #:	RYA-2018078
Plant:	<input type="radio"/> COS <input checked="" type="radio"/> RYA <input type="radio"/> WIL

Originator:	German Hernandez	Date:	06/25/2018		
Drawing #:	610825	Description:	TC CABLE AL/CR M22759/42 INSL	MRB Qty:	open
Model #:	8TE51AAV1,8TE51 ABE1,8TE51ABF1 & 8TE51ABF1Y1	Description:	HARNESS THERMOCOUPLE		
Revision:	B	Supplier Name:	IEWC CORP		
Customer Approval Required:	<input type="radio"/> Yes <input checked="" type="radio"/> No				
Attachments:	 610825.pdf				

Defect Description:

MATERIAL CALLED OUT ON THE DRAWING AGAINST NOTE 1 A. KN -20 7/28 AND B. KP -20 7/28 WERE NOT LOCATED BY SUPPLIER.

Cause of Defect:

Code: OTH OTHER - MUST EXPLAIN
NO MATERIAL AVAILABLE

Corrective Action:

SUPPLIER IS REQUESTING TO UPDATE DRAWING AND APPROVE TO USE THE FOLLOWING MATERIAL .
KPX-20-7I.0121 AND KNX-20-7I.0121 .

Assigned To:	Chris Prouty	Proposed Date:	01/28/2019
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Released and Closed Out By:		Date:		Close Out MRB
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Design Engineer Material Review Board Disposition

<input type="checkbox"/> Disapproved	Quantity:	
<input type="checkbox"/> Repair	Quantity:	
<input type="checkbox"/> Use As Is	Quantity:	
<input type="checkbox"/> Waiver	Quantity:	
<input checked="" type="checkbox"/> Deviation	Quantity:	Open

Engineering Rationale:

No affect on form/fit/function

Disposition Instructions:

Deviation for alternative wire, EC to correct issue.

Attachments:

Authorized by Design Engineer:	Chris Prouty	Date:	06/26/2018