

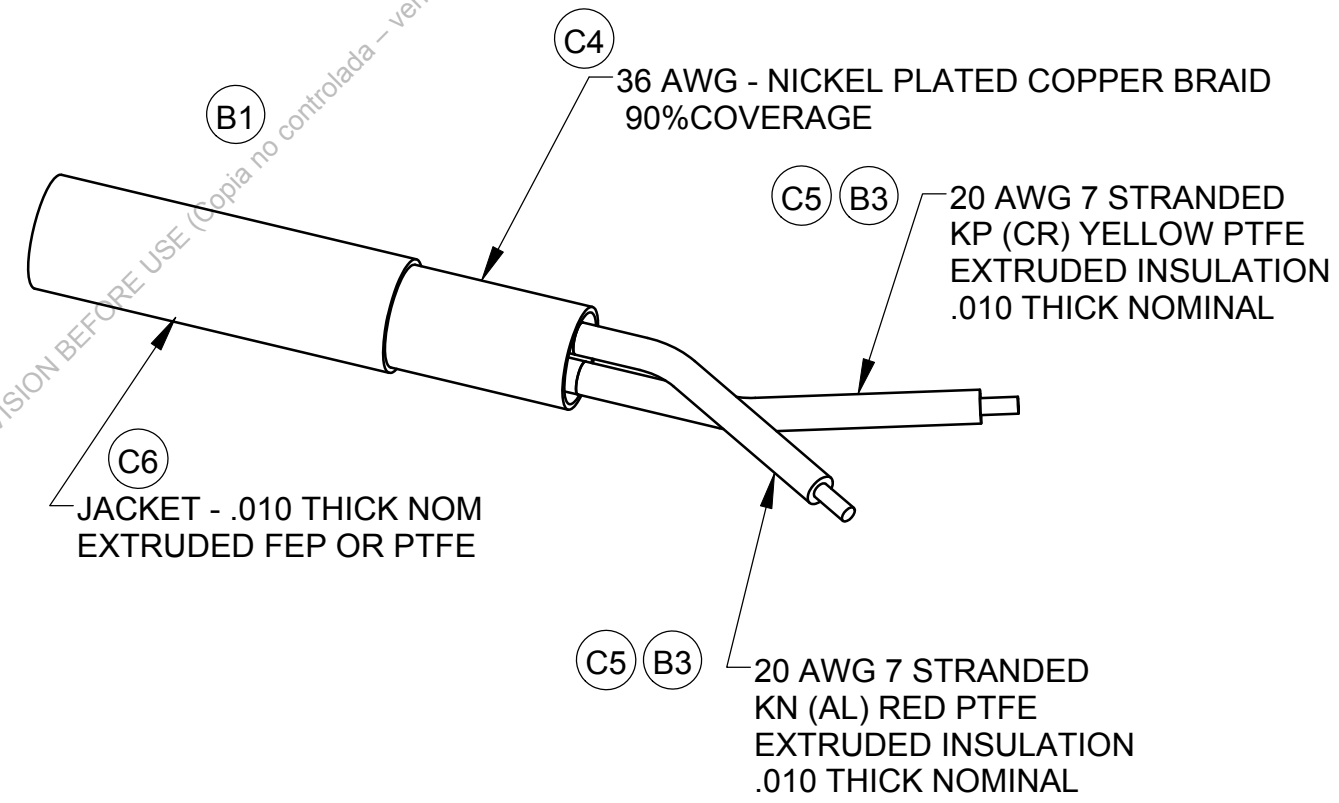
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ECP	ECR	REL DATE	REV. LET.	REVISION	REV. BY	CHK BY	APPROVED BY		
							DE	M.E.	QE
		5-17-11	B	DCRA 23597-014B, 1) REPLACED "HEAD ON" VIEW WITH TWISTED VIEW 2) NOTE 1 - ADDED MIL-C-27500 SPEC 3) REPLACED ALL INSTANCES OF ALUMEL WITH KN (AL) AND ALL INSTANCES OF CHROMEL WITH KP (CR) 4) ADDED NOTES 5 & 6	RFP	RFP	AJH	GW	AAH
		01-15-13	C	DCRA 23597-014C. - 1.) IN NOTE 1, SPEC WAS MIL-C-27500, ADDED "RIGHT HAND LAY.....LENGTH". 2.) REMOVED NOTE 3. 3.) ADDED NOTE 7. 4.) 36 AWG NPC BRAID 90% COVERAGE WAS "SCREEN - NICKEL PLATED COPPER. 5.) PTFE WAS TEFLON, AND ADDED .010 THICK NOMINAL, 2 PLACES. 6.) JACKET CALL-OUT WAS " JACKET - TEFLON EXTRUDED OR TAPE WRAPPED".	JAV	JAV	AJH	GW	AAH

NOTES:

- (C1) (B2) 1. ALL CABLES TO BE LAID UP & SHIELDED IN ACCORDANCE WITH MIL-DLT-27500. WIRES MUST BE TWISTED IN ACCORDANCE WITH MIL-C-27500. RIGHT HAND LAY 1 1/4" NOMINAL LAY LENGTH.
- (B3) (A) 2. KN (AL) & KP (CR) CONDUCTORS TO BE TYPE K THERMOCOUPLE GRADE MATERIAL PER ANSI MC96.1 .
- (C2) 3. REMOVED.
- 4. CABLES TO BE SPOOLED WITH INCREMENTAL LENGTHS NOT SHORTER THAN 250 FEET.
- (B4) 5. DO NOT PURCHASE FROM THERMAL WIRE & CABLE CORPORATION DUE TO PAST QUALITY ISSUES.
- (B4) 6. ACCEPTABLE TRADE NAMES FOR OUTER JACKET TEFLON THAT MAY BE USED:
 - PTFE (POLYTETRAFLUOROETHYLENE)
 - FEP (FLOURINATED ETHYLENE PROPYLENE)
- (C3) 7. MUST BE PURCHASED FROM APPROVED SUPPLIERS:

RSCC AEROSPACE (P/N HAR-23597-014 20 2C 7S KP/KN WHT JACKET)
 OR
 QUIRK WIRE (P/N T/CK207-2 CSFJ-NPC)



23597-014
 PART NUMBER

UNLESS OTHERWISE SPECIFIED: DIMENSION ARE IN INCHES. TOLERANCES ARE:		APPROVALS	DATE
DECIMALS:	±.010	DRAWN BY: JRC	12-21-04
FRACTIONS:	±1/32	CHECKED BY: JRC	12-21-04
ANGLES:	±2°	D.E.: PC	12-22-04
ALL DIAMETERS	±.010	M.E.: JZ	12-22-04
BREAK EDGES:	.005-.020	Q.A.: AJH	12-23-04
FILLET TO BE:	.005-.020		
SURFACE FINISH:	125/		

LABORATORIES, INC.
 BRANFORD, CT 06405-0010

TITLE
**CABLE, THERMOCOUPLE,
 TYPE K, 20 GA SJPR, (M27500)**

MATERIAL SPEC	FINISH SPEC	SIZE B	CAGE CODE 00060	DRAWING NUMBER 23597-014	REV. C
-	-	SCALE NONE	SHEET 1 OF 1		