



NOTES:

1. FOR USE WITH BOEING BMS13-65 OH & ADAMS RUSSELL FC28Z CABLES.
2. FOR CABLING INSTRUCTIONS SEE 3-546-2.
3. FOR CRIMPING USE DIE KTH-2212.
4. INTERFACE PER MIL-STD-348, FIG. 313-1.
5. CENTER CONTACT (1-5990-1MA9) SUPPLIED UNASSEMBLED.
6. MARK PACKAGE: KINGS 125-91-9 YRWK (DATE CODE)
7. MATERIALS:
 INSULATOR: TEFLON, ASTM-D-1710
 K-GRIP SLEEVE: COM. BRONZE TUBE, ASTM B135
 OUTER CONTACT: BER. COPPER, ASTM-B-196
 GASKET: SILICONE RUBBER, A-A-59588
 C-RING: PHOSPHOR BRONZE, ASTM B103
 ALL OTHER METAL PARTS: BRASS, ASTM B16
8. FINISHES:
 CENTER CONTACT: .000050 MIN GOLD PER ASTM B488 OVER .000050 MIN NICKEL PER AMS-QQ-N-290(RoHS)
 ALL OTHER METAL PARTS: .000050 MIN NICKEL PLATE PER AMS-QQ-N-290 OVER .000050 MIN COPPER PER ASTM B734(RoHS)
9. ELECTRICAL CHARACTERISTICS:
 NOMINAL IMPEDANCE: 50 OHMS
 WORKING VOLTAGE: 500 VRMS
 FREQUENCY RANGE: DC TO 11 GHz
 VSWR: 1.30 MAX. .5-11 GHz
 INSERTION LOSS: DC TO 2.5 GHz, 0.045 dB MAX
 2.5 TO 5.0 GHz, 0.11 dB MAX
10. WEIGHT: 26.8 GRAMS (0.059 POUNDS)

UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS IN INCHES [MILLIMETERS].
 2. TOLERANCES:
 .XXX ±.004 .XX ±.010
 [.XXX ±.10] [.XX ±.25]
 FRACTIONS: X/Y ±.010 [.25] ANGLES: ± 1'
- ★ CRITICAL DIMENSIONS

125-91-9

REVISIONS	
ISSUE	CHANGES
0	ER 33826 JCA 04/06/92
1	CN 33985 E MJB 06/11/92
2	CN 38538 C JPK 04/09/02
3	CN 38540 E TML 04/15/02
4	CN 38716 E BDH 11/11/02
5	CN 39272 E TML 06/14/05
6	CN 39517 E HVN 07/07/06
7	ER 8354 RMS 05/27/08
J	ER 33571 COL 06/28/11

SALES DRAWING

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SCALE 4:1
 APPROX SURFACE AREA
 W.A.S.: E-1735B
 USED ON
 CAGE CODE:91836

PLUG, TNC

DRAWN	JCA	DATE	04/06/92
DESIGN	JT	DATE	04/07/92
APPR.		DATE	



125-91-9

B SIZE