

NOTES:

1. FOR USE WITH BOEING BMS13-65 OG & ADAMS RUSSELL FC20Z CABLE.
2. FOR CABLING INSTRUCTIONS SEE 3-546-1.
3. FOR CRIMPING USE DIE KTH-2216.
4. INTERFACE PER MIL-STD-348, FIG. 313-1.
5. CENTER CONTACT (1-504-46MAG) SUPPLIED UNASSEMBLED.
6. MARK PACKAGE: KINGS 126-71-9 YRWK (DATE/LOCATION CODE)
7. MATERIALS:
 INSULATORS: TEFLON, ASTM-D-1710
 GASKET: SILICONE RUBBER, A-A-59588
 C-RING: PHOSPHOR BRONZE, ASTM-B103
 K-GRIP SLEEVE: COM. BRONZE, ASTM-B135
 OUTER CONTACT } BER. COPPER, ASTM-B196
 CENTER CONTACT F }
 ALL OTHER METAL PARTS: BRASS, ASTM-B16

8. FINISHES:

- CENTER CONTACTS: .000050 MIN GOLD PER ASTM B488 OVER .000050 MIN NICKEL PER AMS-QQ-N-290(ROHS)
- OUTER CONTACT: .000200 MIN SILVER PER ASTM B700 OVER .000020 MIN COPPER PER ASTM B734(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 1.5 GHz, 0.045 DB MAX
- 1.5 TO 5.0 GHz, 0.085 DB MAX
- 10. WEIGHT: 36.78 GRAMS (0.081 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]

★ CRITICAL DIMENSIONS ANGLES: ± 1°

126-71-9

REVISIONS	
ISSUE	CHANGES
E	ER 8354 RMS 05/29/08
F	ER 33785 COL 07/15/11

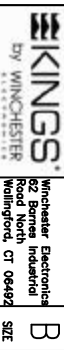
SALES DRAWING

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SCALE 4:1
 APPROX SURFACE AREA
 USED ON
 CAGE CODE:918336

PLUG, ANGLE, TNC

DRAWN KH	DATE 03/15/94
DESIGN JT	DATE 03/16/94
APPR.	DATE



126-71-9

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 B SIZE