



REVISIONS	
ISSUE	CHANGES
1	TOOLING ADDED REF. DIMS. DELETED KH 04/06/92
2	ER 33831 KH 04/08/92
3	CN 37819 C TML 05/12/99
4	CN 38260 D TML 03/16/01
5	CN 39272 E TML 06/14/05
6	CN 39517 E HMN 07/07/06
7	ER 8354 RMS 05/27/08
J	ER 33571 COL 06/27/11

SALES DRAWING

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SCALE 4:1  
APPROX SURFACE AREA  
WAS: E-17166 & E-19870  
USED ON

CAGE CODE:91836  
PLUG, TNC  
DRAWN KH DATE 04/06/92  
DESIGN JT DATE 04/07/92  
APPR.

**WINCHESTER**  
Winchester Electronics  
82 Berrus Industrial  
North Haven, CT 06462  
SIZE B

125-88-9

- NOTES:
1. FOR USE WITH BOEING BMS13-65 OF & ADAMS RUSSELL FC14Z CABLES.
  2. FOR CABLING INSTRUCTIONS SEE 3-546-1.
  3. FOR CRIMPING USE DIE KTH-2161.
  4. INTERFACE PER MIL-STD-348, FIG. 313-1.
  5. CENTER CONTACT (1-569-21MA9) SUPPLIED UNASSEMBLED.
  6. MARK PACKAGE: KINGS 125-88-9 YRWM (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, 0.05 dB MAX  
2.5 TO 3.5 GHz, 0.12 dB MAX  
3.5 TO 5.0 GHz, 0.17 dB MAX
10. WEIGHT: 14.5 GRAMS (0.032 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