



REVISIONS	
ISSUE	CHANGES
0	ER 35986 ME 12/19/94
1	CN 35776 E KH 02/24/95
2	CN 39557 E DRK 08/04/06
3	ER 8354 RMS 05/28/08
E	ER 33571 COL 06/28/11

SALES DRAWING

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SCALE 4:1
APPROX SURFACE AREA
WAS: E-18477
USED ON
CAGE CODE: 9183

PLUG, TNC

DRAWN	MJB	DATE	08/09/94
DESIGN	CT	DATE	08/09/94
APPR.		DATE	

WINCHESTER
Winchester Electronics
172 Spring Industrial
Road
Willingford, CT 06492

125-105-9

- UNLESS OTHERWISE SPECIFIED
- ALL DIMENSIONS IN INCHES [MILLIMETERS].
 - TOLERANCES:
XXX ±.004 XX ±.010
[.XX ±.10] [.XX ±.25]
FRACTIONS: X/Y ±.010 [.25]
 - ANGLES: ±1°
 - ★ CRITICAL DIMENSIONS
- NOTES:
- FOR USE WITH BOEING BMS13-65 OK & ADAMS RUSSELL FC48Z CABLE.
 - FOR CABLING INSTRUCTIONS SEE 3-546-2.
 - FOR CRIMPING USE DIE KTH-2229.
 - INTERFACE PER MIL-STD-348, FIG. 313-1.
 - CENTER CONTACT, 1-7446-1MA9, SUPPLIED UNASSEMBLED.
 - MARK PACKAGE: KINGS 125-105-9 YRMK (DATE CODE)
 - MATERIALS:
INSULATOR: TEFLON, ASTM-D1710
K-GRIP SLEEVE: COM. BRONZE, ASTM-B135
OUTER CONTACT: BER. COPPER, ASTM-B196
GASKET: SILICONE RUBBER, A-A-59588
C-RING: PHOSPHOR BRONZE, ASTM-B103
ALL OTHER METAL PARTS: BRASS, ASTM-B16
 - 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)
 - WEIGHT: 38.55 GRAMS (0.085 POUNDS)

9. ELECTRICAL CHARACTERISTICS:
NOMINAL IMPEDANCE: 50 OHMS
WORKING VOLTAGE: 500 VRMS
FREQUENCY RANGE: DC TO 11 GHz
INSERTION LOSS: DC TO 3.5 GHz, 0.04 dB MAX
3.5 TO 5.0 GHz, 0.105 dB MAX