



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

THIS DRAWING, THE DESIGN AND IDEAS EMBODIED IN THE DEVICE TO WHICH IT RELATES, AND THE METHOD OF PRODUCING THE DEVICE, ARE THE PROPERTY OF WINCHESTER ELECTRONICS. ANY REPRODUCTION OR DISCLOSURE TO ANYONE, IN ANY MANNER WITHOUT THE CONSENT OF WINCHESTER ELECTRONICS CORPORATION.

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

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

NOTES:

- FOR USE WITH BOEING BMS13-65 OK & ADAMS RUSSELL FC482 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)
- 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
- WEIGHT: 38.55 GRAMS (0.085 POUNDS)

UNLESS OTHERWISE SPECIFIED

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