



| REVISIONS | |
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| ISSUE | CHANGES |
| 0 | ER 33827 KH 04/23/92 |
| 1 | CN 33984 A MJB 06/11/92 |
| 2 | CN 35273 A KH 01/06/93 |
| 3 | CN 39816 C PMC 02/28/07 |
| E | REVISED PER DMF304 & ER36216 TZ 12/22/11 |

2439-5-* (SHT 1 OF 2)

CUSTOMER SALES DRAWING

THIS DRAWING, THE DESIGNS AND IDEAS EMBODIED IN THE DEVICE TO WHICH IT RELATES, AND THE METHOD OF PRODUCING THE DEVICE, ARE THE PROPERTY OF WINCHESTER ELECTRONICS CORPORATION AND SHALL NOT BE EMPLOYED, COPIED, OR DISCLOSED TO ANYONE, IN ANY MANNER WITHOUT THE CONSENT OF WINCHESTER ELECTRONICS CORPORATION.

SCALE 3:1
APPROX SURFACE AREA

CAGE CODE: 91836

REF: BOEING
ADAPTER, BULKHEAD, HERMETIC, TNC, F-F, KEYED

| | |
|------------|---------------|
| DRAWN JCA | DATE 11/21/91 |
| DESIGN MJB | DATE 11/22/91 |
| APPR. VLS | DATE 11/22/91 |

by KINGS
Winchester Electronics
82 Barnes Industrial Road North
Wallingford, CT 06492

2439-5-*
(SHEET 1 OF 2)

- NOTES:
- LEAKAGE RATE SHALL NOT EXCEED 10^{-7} CC/SEC. OF TRACER GAS AT ATMOSPHERIC PRESSURE.
 - CONNECTOR TO WITHSTAND 30 PSI MIN.
 - INTERFACES PER MIL-STD-348, FIG. 313-2.
 - MARK PACKAGE: KINGS 2439-5-* (DATE CODE)
 - MATERIALS:
INSULATORS: TEFLON, ASTM D1710
GASKET: SIL. RUB., A-A-59588
LOCKWASHER: PHOS. BRONZE, ASTM B103
CENTER CONTACTS: BER. COP., ASTM B196
ALL OTHER METAL PARTS: BRASS, ASTM B16
 - FINISHES:
CENTER CONTACTS: .000050 MIN GOLD PLATE PER ASTM B488 OVER .000050 MIN NICKEL PER AMS-QQ-N-290 (RoHS)
ALL OTHER METAL PARTS: .000050 MIN NICKEL PER AMS-QQ-N-290 OVER .000050 MIN COPPER PER ASTM B734 (RoHS)

- ELECTRICAL CHARACTERISTICS:
NOMINAL IMPEDANCE: 50 OHMS
VOLTAGE RATING: 500 VRMS
FREQUENCY RANGE: DC TO 11 GHz
VSWR: 1.30 MAX. .5-11 GHz
INSERTION LOSS: .18db MAX. AT 9GHz
- WEIGHT: 41 GRAMS

SEE SHEET 3

SEE SHEET 2

| KINGS PART NO. | KEYING ANGLE |
|----------------|--------------|
| 2439-5-1 | 42° |
| 2439-5-2 | 54° |
| 2439-5-3 | 66° |
| 2439-5-4 | 78° |
| 2439-5-5 | 90° |
| 2439-5-6 | 102° |
| 2439-5-7 | 114° |
| 2439-5-8 | 126° |
| 2439-5-9 | 138° |
| 2439-5-10 | 150° |
| 2439-5-11 | 162° |
| 2439-5-12 | 174° |
| 2439-5-13 | 186° |
| 2439-5-14 | 198° |
| 2439-5-15 | 210° |
| 2439-5-16 | 222° |
| 2439-5-17 | 234° |
| 2439-5-18 | 246° |
| 2439-5-19 | 258° |
| 2439-5-20 | 270° |
| 2439-5-21 | 282° |
| 2439-5-22 | 294° |
| 2439-5-23 | 306° |
| 2439-5-24 | 318° |

2439-5-* (SHT 2 OF 2)

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