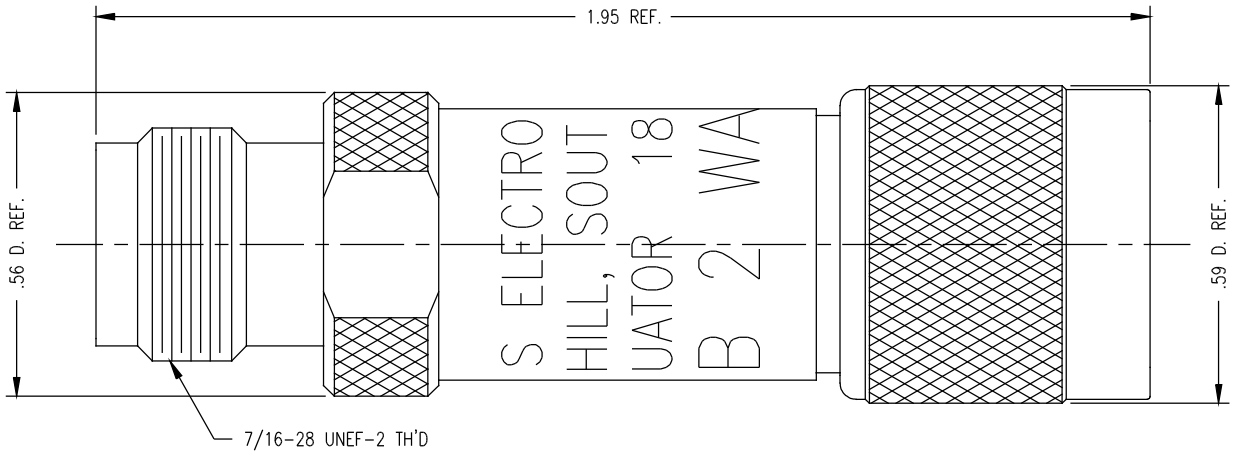


NOTES:

1. INTERFACES PER MIL-STD-348, SERIES TNC. PIN & SOCKET CONTACT.
2. MARK PACKAGE: KINGS 1800-4 YYWW (DATE CODE)
3. MATERIALS:
   - INSULATORS: TEFLON, ASTM D1710
   - GASKET: SIL. RUBBER, A-A-59588
   - C-RING: PHOS. BRONZE, ASTM B103
   - CONTACTS: BER. COPPER, ASTM B196
   - ALL OTHER METAL PARTS: BRASS, ASTM-B16
4. FINISHES:
   - CENTER CONTACTS: .000050 MIN GOLD PLATE, PER ASTM B488 OVER .000050 MIN. NICKEL PER AMS-QQ-N-290 (RoHS)
   - BUSHING } .000200 MIN SILVER PLATE PER ASTM B700 OVER
   - ATTENUATOR BODY } .000020 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)
5. WEIGHT: 39.2 GRAMS
6. ELECTRICAL CHARACTERISTICS:
   - NOMINAL IMPEDANCE: 50 OHMS
   - FREQUENCY RANGE: DC TO 8 GHz
   - ATTENUATION: 3 dB
   - AVERAGE POWER RATING: 2 WATTS
   - VSWR LIMITS: 1.1 MAX. FROM DC TO 1 GHz
     1.2 MAX. FROM 1 TO 2 GHz
     1.35 MAX. FROM 2 TO 4 GHz
     1.45 MAX. FROM 4 TO 6 GHz
     1.65 MAX. FROM 6 TO 8 GHz
   - ATTENUATION ACCURACY: ± 0.40 db TO 1 GHz
     ± 0.45 db TO 2 GHz
     ± 0.65 db TO 6 GHz
     ± 0.75 db TO 6 GHz
     ± 1.00 db TO 8 GHz

1800-4

REVISIONS

| ISSUE | CHANGES |
|---|---|
| 0 | ER 39291<br>DCT 7/7/5 |
| B | REVISED PER DMF304 &<br>ER041400<br>KPL 04/17/12 |

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 4:1

APPROX SURFACE AREA

CAGE CODE: 91836

REF: EQR 953

ATTENUATOR, 3 dB 2W, TNC

| | | | |
|---|---|---|---|
| DRAWN | DCT | DATE | 4/13/4 |
| DESIGN | – | DATE | |
| APPR. | | DATE | |

1800-4