



- NOTES:
- FOR USE WITH Mc D. DOUGLAS #HS5965-1 (A/R FC20Z) CABLE.
  - FOR CABLING INSTRUCTIONS SEE 3-546-1.
  - FOR CRIMPING USE DIE KTH-2242.
  - INTERFACE PER MIL-STD-348, FIG. 310-1.
  - CENTER CONTACT(1-3959-2MA9) SUPPLIED UNASSEMBLED.
  - MARK PACKAGE: HS5940-2 (DATE CODE)  
876-72-3 (DATE CODE)  
91836 (DATE CODE)
  - MATERIALS:  
INSULATORS: TEFLON, ASTM D1710  
GASKET: SILICONE RUBBER, A-A-59588  
K-GRIP SLEEVE: COM. BRONZE, ASTM B135  
CRIMP CONTACT M: BRASS, ASTM B16  
ANGLE CONTACT } BER. COPPER, ASTM B196  
C-RING }
  - FINISHES:  
CENTER CONTACTS: .000050 MIN GOLD PLATE, PER ASTM B488 OVER  
.000050 MIN. NICKEL PER AMS-QQ-N-290 (RoHS)  
K-GRIP SLEEVE: .000050 MIN NICKEL PER AMS-QQ-N-290 OVER  
.000050 MIN COPPER PER ASTM B734 (RoHS)  
ALL OTHER METAL PARTS: PASSIVATE, PER QQ-P-35
  - ELECTRICAL CHARACTERISTICS:  
NOMINAL IMPEDANCE: 50 OHMS  
WORKING VOLTAGE: 355 VRMS  
FREQUENCY RANGE: DC TO 12.4 GHz  
INSERTION LOSS: .15  $\sqrt{F}$  GHz (TEST FREQ. AT 6 GHz)  
VSWR: 1.20 + 0.03 (F) GHz
  - WEIGHT: 8.7 GRAMS

876-72-3

REVISIONS	
ISSUE	CHANGES
0	ER 36855 KH 03/04/96
1	CN 36957 D KH 05/10/96
2	CN 37112 E KH 09/03/96
3	CN 39563 C HVN 08/08/06
E	REVISED PER DMF304 & ER041755 KPL 05/09/12

CUSTOMER  
SALES  
DRAWING

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SCALE 8:1

APPROX SURFACE AREA

WAS: E-18623

CAGE CODE: 91836

REF: Mc D. DOUGLAS #HS5940-2 REV. A

PLUG, ANGLE, SMA

DRAWN KH	DATE 11/19/94
DESIGN CT	DATE 11/21/94
APPR.	DATE

KINGS

Winchester Electronics Corporation  
62 Barnes Industrial Road North  
Wallingford, Connecticut 06492

876-72-3

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