



NOTES:

1. FOR USE WITH McDONNELL DOUGLAS HS5965-2 & ADAMS RUSSELL FC09Z CABLES.
2. FOR CABLING INSTRUCTIONS SEE 3-546-5.
3. FOR CRIMPING USE DIE KTH-2244.
4. INTERFACE PER MIL-STD-348, FIG. 310.1.
5. CENTER CONTACT (1-1027-3 M9D) SUPPLIED UNASSEMBLED.
6. MARK PACKAGE: HS5940-5(DATE CODE)
875-101-3(DATE CODE)
91836(DATE CODE)
7. MATERIALS:
INSULATOR: TEFLON, ASTM D1710
GASKET: SILICONE RUBBER, A-A-59588
CENTER CONTACT: BRASS, ASTM B16
C-RING: BR. COPPER, ASTM B196
K-GRIP SLEEVE: COM. BRONZE, ASTM B135
ALL OTHER METAL PARTS: STAINLESS STEEL PER ASTM A582
8. FINISHES:
CENTER CONTACT: .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

9. ELECTRICAL CHARACTERISTICS:
NOMINAL IMPEDANCE: 50 OHMS
WORKING VOLTAGE: 500 VRMS
FREQUENCY RANGE: DC TO 12.4 GHz.
VSWR: 1.20 + .025 GHz
INSERTION LOSS: 1.5 dB MAX. AT 6 GHz.
10. WEIGHT: 3.4 GRAMS

REVISIONS	
ISSUE	CHANGES
4	CN 38990 E TML 01/19/04
5	CN 39643 A DRK 09/27/06
6	CN 40089 E PMC 10/05/07
H	REVISED PER DMF304 & ERO41755 KPL 05/09/12

875-101-3

CUSTOMER SALES DRAWING

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SCALE 8:1
APPROX SURFACE AREA
WAS: E-18858
CAGE CODE: 91836
REF: BOEING HS5940-5 REV. B

PLUG, SMA

DRAWN KH	DATE 06/19/95
DESIGN AR	DATE 06/20/95
APPR.	DATE

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