



NOTES:

1. FOR USE WITH BOEING BMS13-65-0G AND ADAMS RUSSELL FC20Z CABLES.
2. FOR CABLING INSTRUCTIONS SEE 3-546-1.
3. FOR CRIMPING USE DIE KTH-2242.
4. INTERFACE PER MIL-STD-348, FIG. 310-1.
5. CENTER CONTACT (1-3959-2MA9) SUPPLIED UNASSEMBLED.
6. MARK PACKAGE: HS5940-1
875-100-3 (DATE CODE)
91836

7. MATERIALS:

INSULATOR: TEFLON, ASTM D1710
 GASKET: SILICONE RUBBER, A-A-59588
 K-GRIP SLEEVE-COM'L BRONZE, ASTM B135
 C-RING: BER. COPPER, ASTM B196
 ALL OTHER PARTS: STAINLESS STEEL, 303
 CONTACT: BRASS, ASTM-B16

8. FINISHES:

CENTER CONTACT: .000050 MIN GOLD PLATE, PER ASTM B488 OVER
 .000050 MIN. NICKEL PER AMS-QQ-N-290 (RoHS)
 K-GRIP: .000050 MIN NICKEL PER AMS-QQ-N-290
 OVER .000050 MIN COPPER PER ASTM B734 (RoHS)
 ALL OTHER METAL PARTS: PASSIVATED PER SAE-AMS-QQ-P-35

9. ELECTRICAL CHARACTERISTICS:

NOMINAL IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: DC TO 12.4 GHz
 WORKING VOLTAGE: 500 VOLTS RMS
 VSWR: $1.20 + 0.025 \times F$ (F IN GHz)
 INSERTION LOSS (dB): $0.06 \times \sqrt{F}$ (F IN GHz)

10. CONNECTOR WEIGHT: 4.8 GRAMS

.32
.30 HEX.

MARK: 91836 875-100-3 (DATE CODE)

875-100-3

REVISIONS

ISSUE	CHANGES
3	CN 39554 A DCT 8/3/6
4	CN 39605 C JPK 09/05/06
F	REVISED PER ER23220 GGR 04/13/2010
G	ER35046 KPL 09/22/11
H	REVISED PER DMF304 & ER35768 KPL 11/10/11

CUSTOMER SALES DRAWING

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SCALE 6:1

APPROX SURFACE AREA

WAS: E-18857

CAGE CODE: 91836

REF: Mc D. DOUGLAS #HS5940-1 REV. A

PLUG, SMA

DRAWN ME DATE 06/06/95

DESIGN AR DATE 06/06/95

APPR. DATE

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875-100-3