

NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERFACE PER MIL-STD-348, SERIES SMA, PIN CONTACT .

2. MATERIAL SPECIFICATIONS:

BODY, CLAMP BODY AND NUT: STAINLESS STEEL PER ASTM A582
INSULATOR: TEFLON PER ASTM D1710
GASKET: SILICONE RUBBER PER A-A-59588
RETAINING RING: BERYLIUM COPPER PER ASTM B194
REAR INSULATOR: PCPFE (KEL F)
CENTER CONTACT AND SOLDER SLEEVE: BRASS PER ASTM B16

3. FINISH SPECIFICATIONS:

BODY & NUT & CLAMP BODY: PASSIVATE PER ASTM A967
CENTER CONTACT: .000050 MIN GOLD PER ASTM B488 OVER
.000050 MIN NICKEL PER AMS-QQ-N-290
SOLDER SLEEVE: .000015 MIN GOLD PER ASTM B488 OVER .000080 MIN NICKEL
PER AMS-QQ-N-290

4. ELECTRICAL SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC TO 18GHz
VOLTAGE RATING: 335 VOLTS RMS
VSWR: 1.35 MAX (CABLE ASSY 1 FOOT LONG)

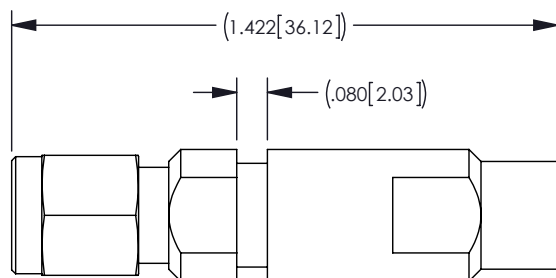
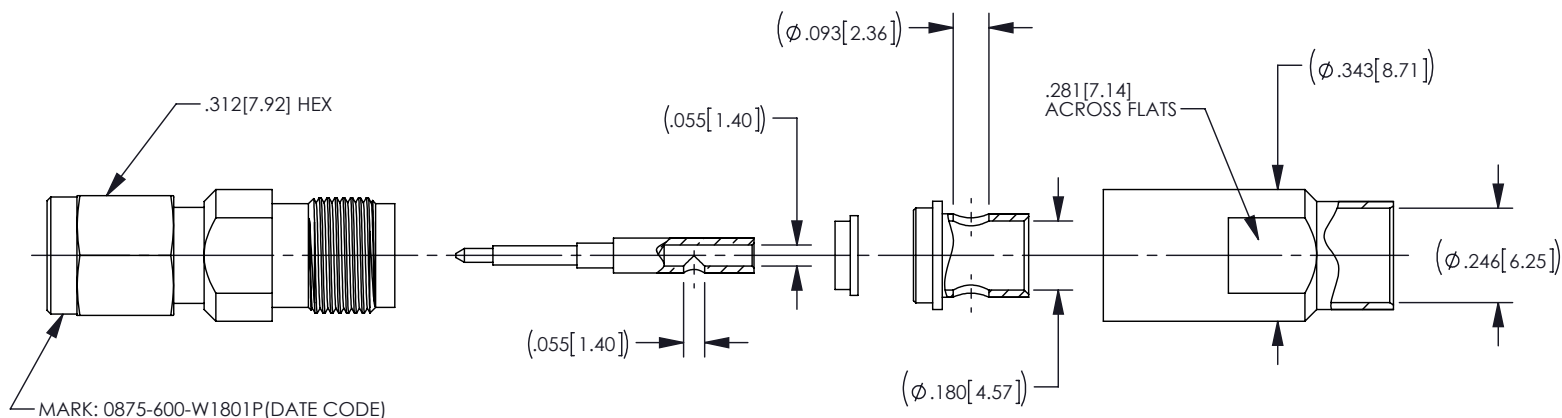
5. CONTACT, REAR INSULATOR, CLAMP BODY AND SOLDER SLEEVE SHIPPED LOOSE.

6. DESIGNED FOR USE WITH IW 1801 CABLE.

7. ASSEMBLE TO CABLE USING CABLING PROCEDURE CAP 6-07.

8. CONNECTOR MEETS REQUIREMENTS OF THE DEFENSE FEDERAL ACQUISITION
REGULATION AS STATED IN CLAUSE 252.225-7014, ALTERNATIVE 1.

REV	DESCRIPTION	BY DATE	APPD
A	ER041749	KEL 05/11/12	DCAM



ASSEMBLED VIEW

CATALOG P/N: 0875-600-W1801P

PER ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM] TOLERANCES: DECIMAL: XX [X.X] ± .01 [0.3] .XXX [X.XX] ± .005 [0.13] .XXXX [X.XXX] ± .XXXX ANGLES: ± 2° SCALE: 2:1			
CUSTOMER SALES DRAWING		THIRD ANGLE	
DRAWN	DATE	APPROVED	DATE
DCam	11/23/11	JMURPH	12/1/11
APPROVED	DATE	APPROVED	DATE
DCAM	11/23/11	RB	12/1/11

KINGS

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

18GHz SMA STRAIGHT CABLE PLUG
SOLDER CLAMP ATTACHMENT
(RoHS) (DFARS)

A	SD0875-600-W1801P	SHT	OF	REV
		1	1	A

Mouser Electronics

Authorized Distributor

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