

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: 1.175 MAX
INSERTION LOSS: $.03 \times \sqrt{f[\text{GHz}]}$ dB MAX

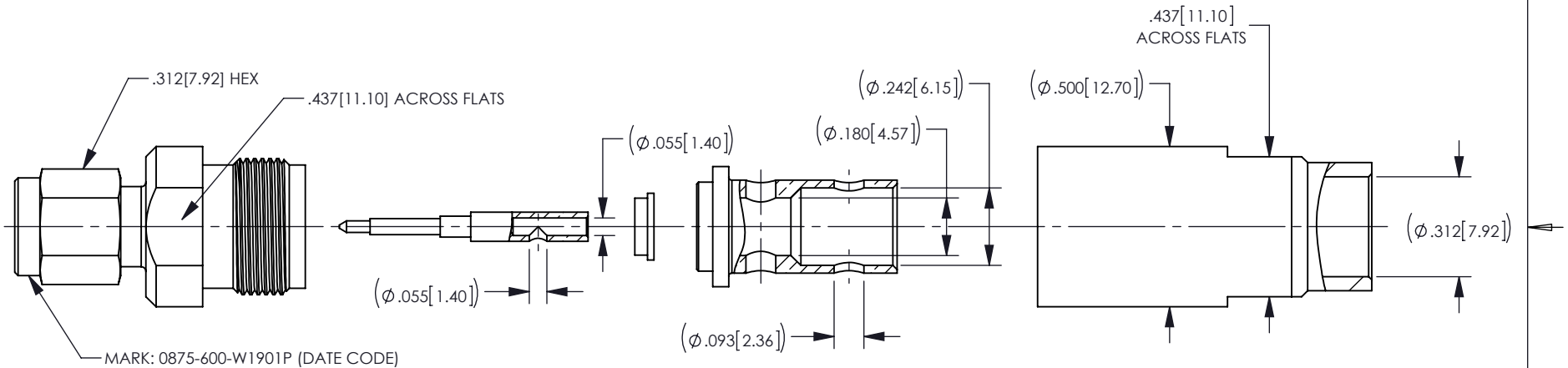
5. CONTACT, REAR INSULATOR, CLAMP BODY AND SOLDER SLEEVE SHIPPED LOOSE.

6. DESIGNED FOR USE WITH IW 1803 CABLE.

7. ASSEMBLE TO CABLE USING CABLING PROCEDURE CAP 6-11.

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	ER042460	MR 06/20/12	DCam



ASSEMBLED VIEW

CATALOG P/N:0875-600-W1901P

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				KINGS® by WINCHESTER Winchester Electronics Corporation 62 Barnes Industrial Road North Wallingford, Connecticut 06492			
CUSTOMER SALES DRAWING				SMA 18GHz STRAIGHT CABLE PLUG SOLDER CLAMP ATTACHMENT (RoHS) (DFARS)			
DRAWN COL	DATE 02/13/12	APPROVED DCam	DATE 02/13/12				
APPROVED XXX	DATE XX/XX/XX	APPROVED XXX	DATE XX/XX/XX				
A				SD0875-600-W1901P		SHT 1	OF 1
						REV A	