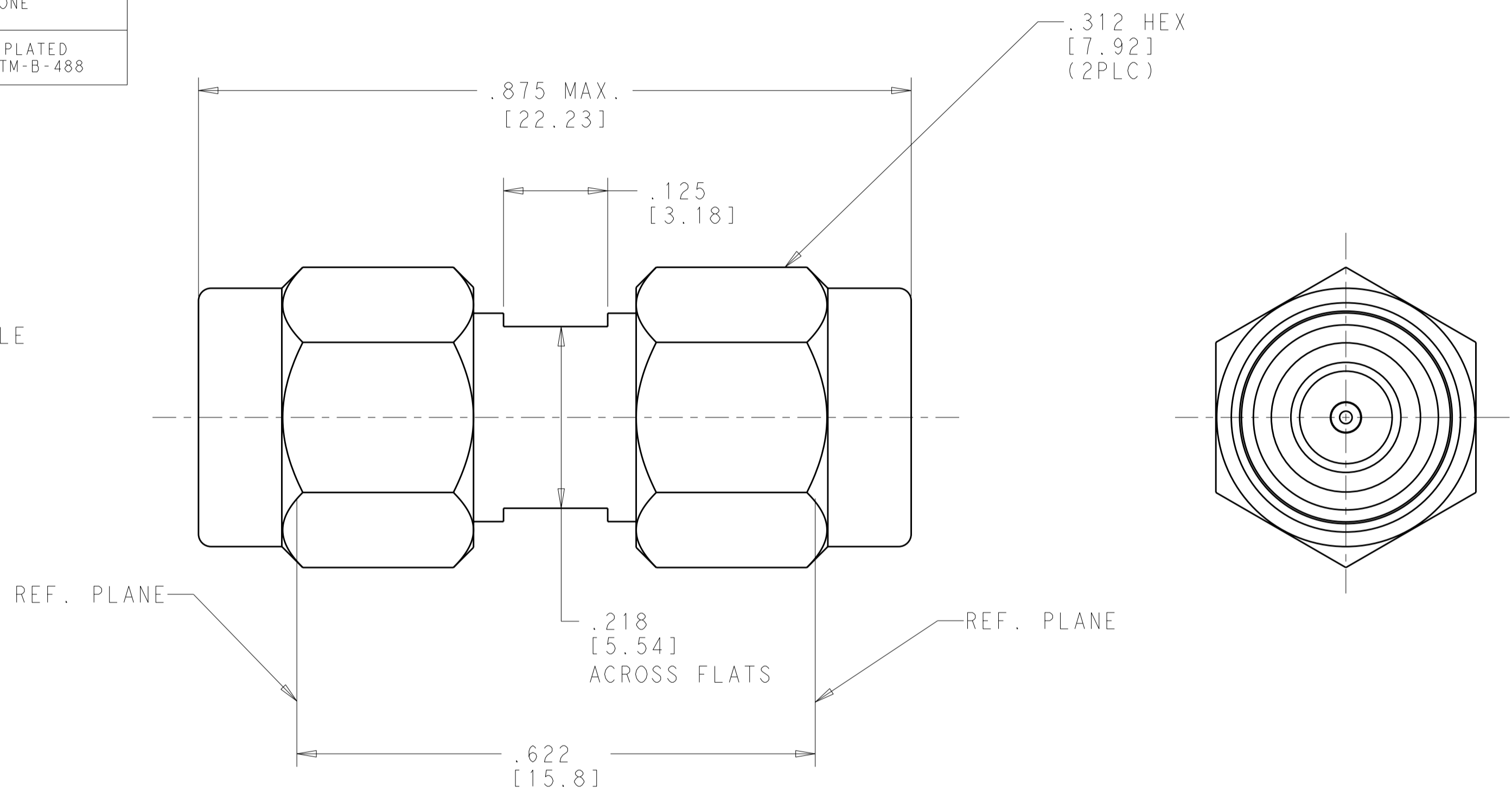


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	A	RELEASED PER ECO-11-003853	24FEB2011	RJM3 DHW

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488
DIELECTRIC	TORLON	NONE
CENTER CONTACT	BRASS PER ASTM B16 HALF HARD	GOLD PLATED PER ASTM-B-488
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194	NONE
GASKET	SILICONE RUBBER PER ZZ-R-765	NONE
FERRULE	SOFT COPPER ALLOY	GOLD PLATED PER ASTM-B-488

ABSOLUTE INSERTION PHASE PER TABLE  
AND A TEMPERATURE OF +25°C



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOM. IMPEDANCE (OHMS) 50 ±1	Interface Dimensions MIL-STD-348A FIG. 310.1	TEMP. RATING -65° TO +165°C
Freq. Range (GHz) DC to 3.0	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213 Condition 1
VSWR 1.08+.005f(GHz) DC to 3 GHz	Withdrawal (MIN Oz) 1	
Insertion Loss (db Max) .06x SQRT.f(GHz)	Force to Engage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202 Method 106
RF Leakage (db MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000Ft.(VRMS MIN) 250	Axial (Lbs) 6	
Dielectric Withstanding Voltage (VRMS MIN)@ Sea Level 1000		
Contact Resistance (Millohms MAX) Center Contact 4.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5MHz) 670		
IR (Megohms MIN) 5000		

-33°±0.5°	2157155-2
-30°±0.5°	2157155-1
INSERTION PHASE	PART NO.

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DWN RJM3 24FEB2011	Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK DHW 24FEB2011	
APVD DHW 24FEB2011	
PRODUCT SPEC	
MATERIAL	NAME SMA IN-SERIES ADAPTER PLUG TO PLUG PHASE MATCHED
TOLERANCES UNLESS OTHERWISE SPECIFIED:	SIZE CAGE CODE DRAWING NO RESTRICTED TO
0 PLC ±.1	A200779 C-2157155
1 PLC ±.01	SCALE 15:1 SHEET 1 OF 1 REV A
2 PLC ±.005	
3 PLC ±.0001	
4 PLC ±.0001	
ANGLES ±	
FINISH	
CUSTOMER DRAWING	

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