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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	

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

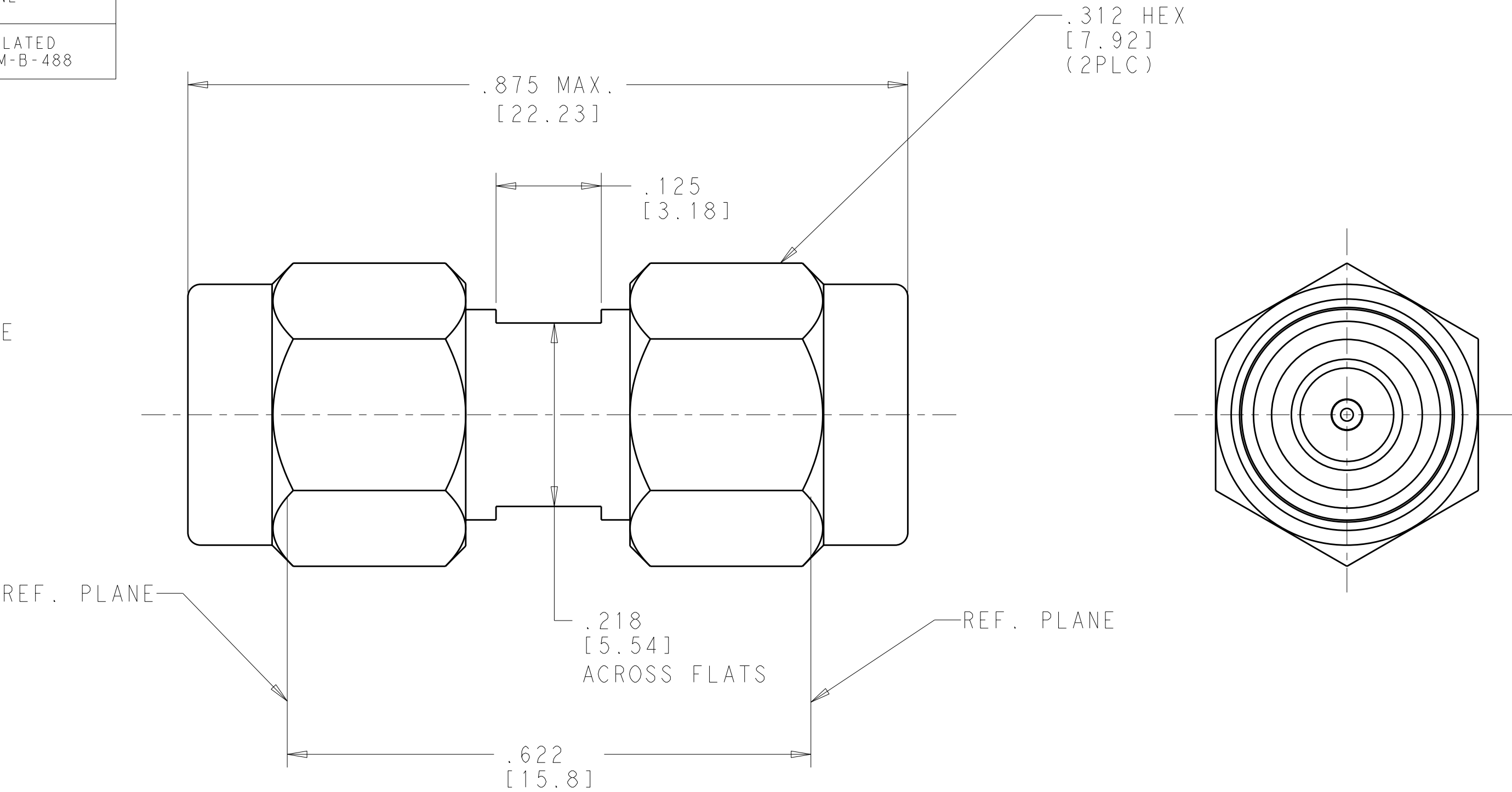
D

C

B

A

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 Mating Characteristics: Insertion (MAX Lbs) 3 Withdrawal (MIN Oz) 1 Force to Engage (In-Lbs MAX) 2.0 & Disengage Center Contact Captivation Axial (Lbs) 6	TEMP. RATING -65° TO +165°C
Freq. Range (GHz) DC to 3.0		Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335		Shock MIL-STD-202, Method 213 Condition 1
VSWR 1.08±.005f(GHz) DC to 3 GHz		Moisture Resistance MIL-STD-202 Method 106 Corrosion - MIL-STD-202, Method 101, Condition B
Insertion Loss (db Max) .06x SQRT.f(GHz)		
RF Leakage (db MIN) (Interface Only, Fully Mated) -(90-f(GHz))		
Corona, 70,000ft.(VRMS MIN) 250		
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.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN RJM3 24FEB2011	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES [mm]		CHK DHW 24FEB2011		
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0001 ANGLES ±- FINISH	APVD DHW 24FEB2011	NAME SMA IN-SERIES ADAPTER PLUG TO PLUG PHASE MATCHED	
		PRODUCT SPEC -	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL -	-	APPLICATION SPEC -	A200779C-2157155	
		WEIGHT -	CUSTOMER DRAWING	
		SCALE 15:1		SHEET 1 OF 1 REV A