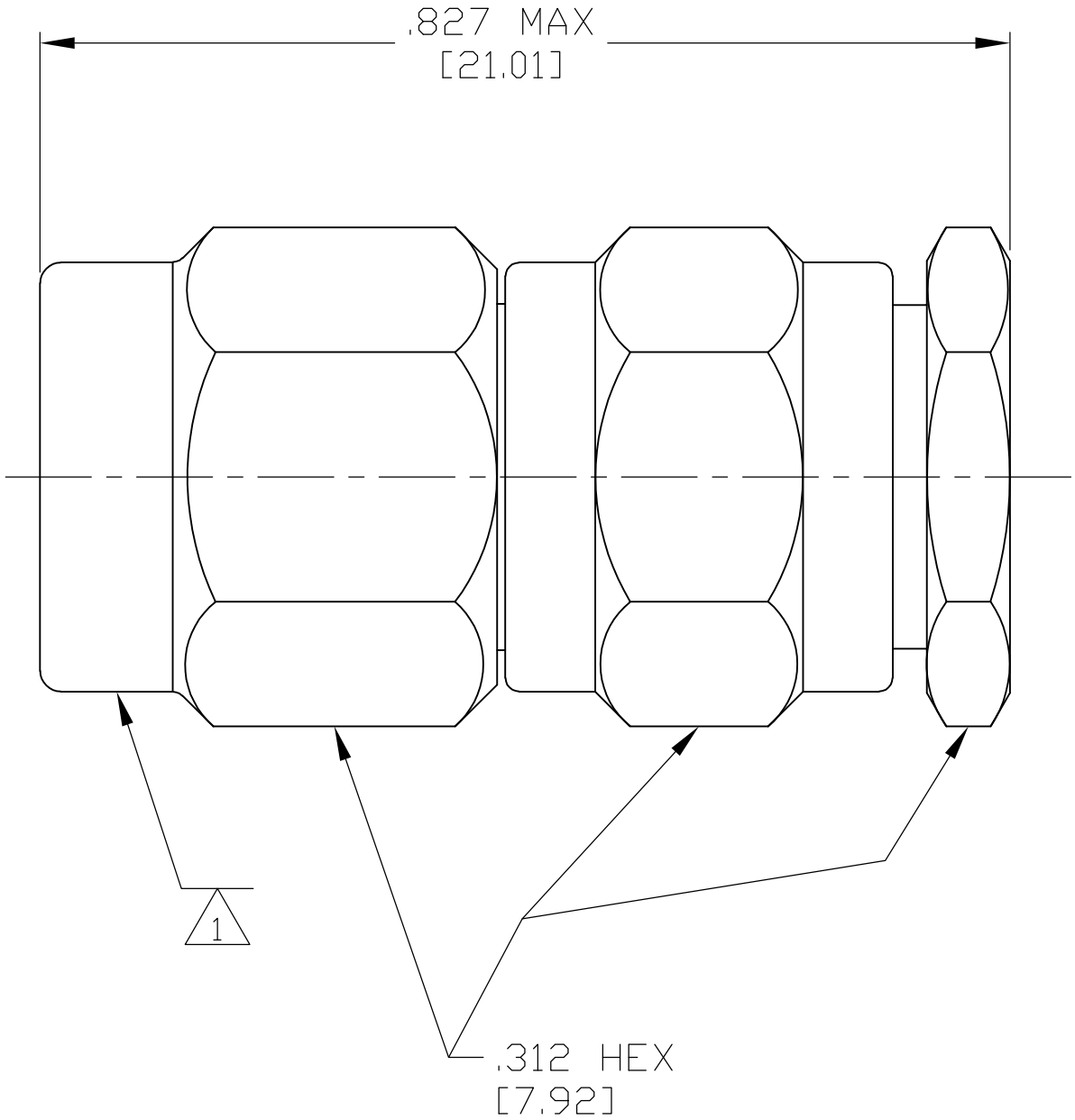


THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
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WASHER WEDGE	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER ASTM-B-488	
HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35	
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488	
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A	
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A	
COMPONENT	MATERIAL	FINISH	

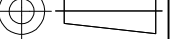
1 00779, DATE CODE AND CUSTOMER NUMBER (SEE TABLE) STAMPED IN THIS AREA.

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
DF	X5		A	REV PER ECO 08-010014	4-23-08	CT DW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Noninal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-1	TEMPERATURE RATING -65° TO +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Torque 7-10 IN-LBS	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15 + .02F(GHz)	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .06 √F(GHz)	Insertion (MAX Lbs) 3.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -60 @2-3 GHz	Withdrawal (MIN Oz) 1.0	
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Center Contact Captivation	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Axial (Lbs) 6.0	
Outer Contact 2.0	Radial (In-Oz) N/A	
Cable to Housing 0.5	Cable Retention	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Axial Force (Lbs) 20.0	
I.R.(Megohms MIN) 5,000	Torque (In-Oz) N/A	
	Weight (Grams) TBD	

DESIGNED FOR USE WITH MIS-20057/6 CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CLAMP NUT	.118 [3.00]
WEDGE	.088 [2.23]
FERRULE	.041 [1.04]
CONTACT	.024 [0.61]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 4-23-08		 Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK D.WILSON 4-23-08					
		APVD D.WILSON 4-23-08		NAME SMA STRAIGHT CABLE PLUG KIT, CLAMP ATTACHMENT			
		PRODUCT SPEC 408-4678					
		APPLICATION SPEC —					
		WEIGHT —					
MATERIAL SEE TABLE		FINISH SEE TABLE		SIZE A2	CAGE CODE 00779	DRAWING NO C=1883741	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 8:1	SHEET 1 of 1	REV A	

CUSTOMER PART NUMBER	PART NO.
MIS-20053/29-003	1883741-1