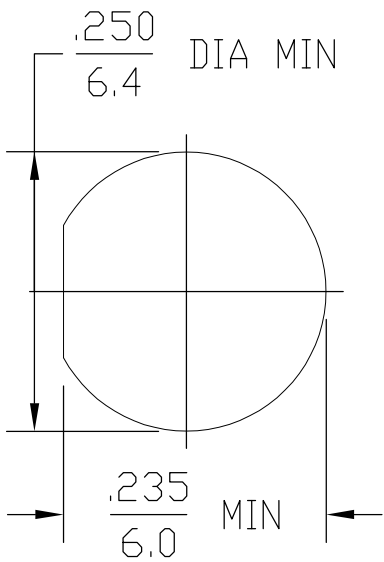


4		3	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
© COPYRIGHT — BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.			
HOUSING MOUNTING NUT CLAMP NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204	
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204	
FERRULE WEDGE WASHER	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204	
COMPONENT	MATERIAL	FINISH	

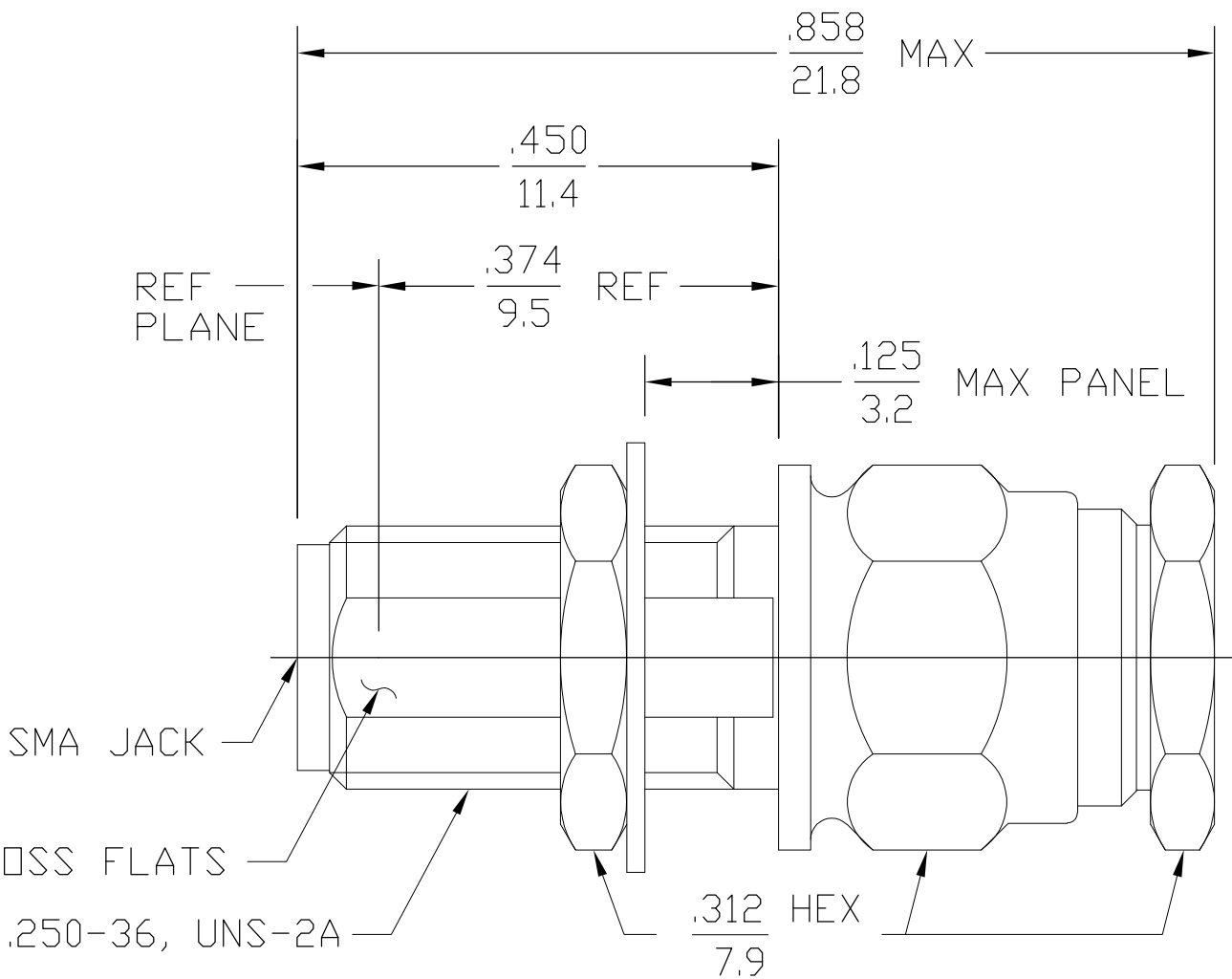
1. DESIGNED FOR USE WITH MIS-20057/6-001 CABLE.
2. MAX OPERATING FREQUENCY OF CABLE = 8.1 GHz.
3. USE ASSEMBLY PROCEDURE 408-4704

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A	TEMPERATURE RATING <u>-65°C TO +165°C</u>
Frequency Range (GHz) <u>SEE NOTE 2</u>	Fig. <u>310.2</u>	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level <u>335</u>	Torque <u>7-10 In/Lbs</u>	Shock MIL-STD-202, Method 213,
VSWR <u>1.2:1 TO 4 GHz</u>	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) <u>.06 √fGHz</u>	Insertion (MAX Lbs) <u>3.0</u>	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) <u>-60 @ 2 to 3 GHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and	EXCEPT HIGH TEMP +135°C
Dielectric Withstanding Voltage	Disengage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level <u>1,000</u>	Center Contact Captivation	Method 106. No Measurement at High
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	Humidity. Insulation Resistance Shall
Center Contact <u>3.0</u>	Radial (In/Oz) <u>N/A</u>	Be at Least 200 Megohms Within
Outer Contact <u>2.0</u>	Cable Retention	5 Min After Removal From Humidity
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>45</u>	Corrosion - MIL-STD-202, Method
RF High Potential @ Sea Level	Torque (In/Oz) <u>N/A</u>	101, Condition B, (salt spray)
(VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams) <u>TBD</u>	
I.R.(Megohms MIN) <u>5,000</u>		

CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.041
CONTACT	.024
WASHER	.117
WEDGE	.088
CLAMP NUT	.118



RECOMMENDED
MOUNTING HOLE



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER	08APR2008	 Tyco Electronics Corporation Harrisburg, PA 17105-3608				
		CHK D. WILSON	09APR08					
DIMENSIONS: INCHES		APVD D. WILSON	09APR08	NAME SMA BULKHEAD JACK, SOLDER CLAMP ATTACHMENT —				
		PRODUCT SPEC —						
MATERIAL SEE TABLE		APPLICATION SPEC —	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
		WEIGHT —	A2	00779	C=1757069	—		
CUSTOMER DRAWING			SCALE	6:1	SHEET	1 of 1	REV	B