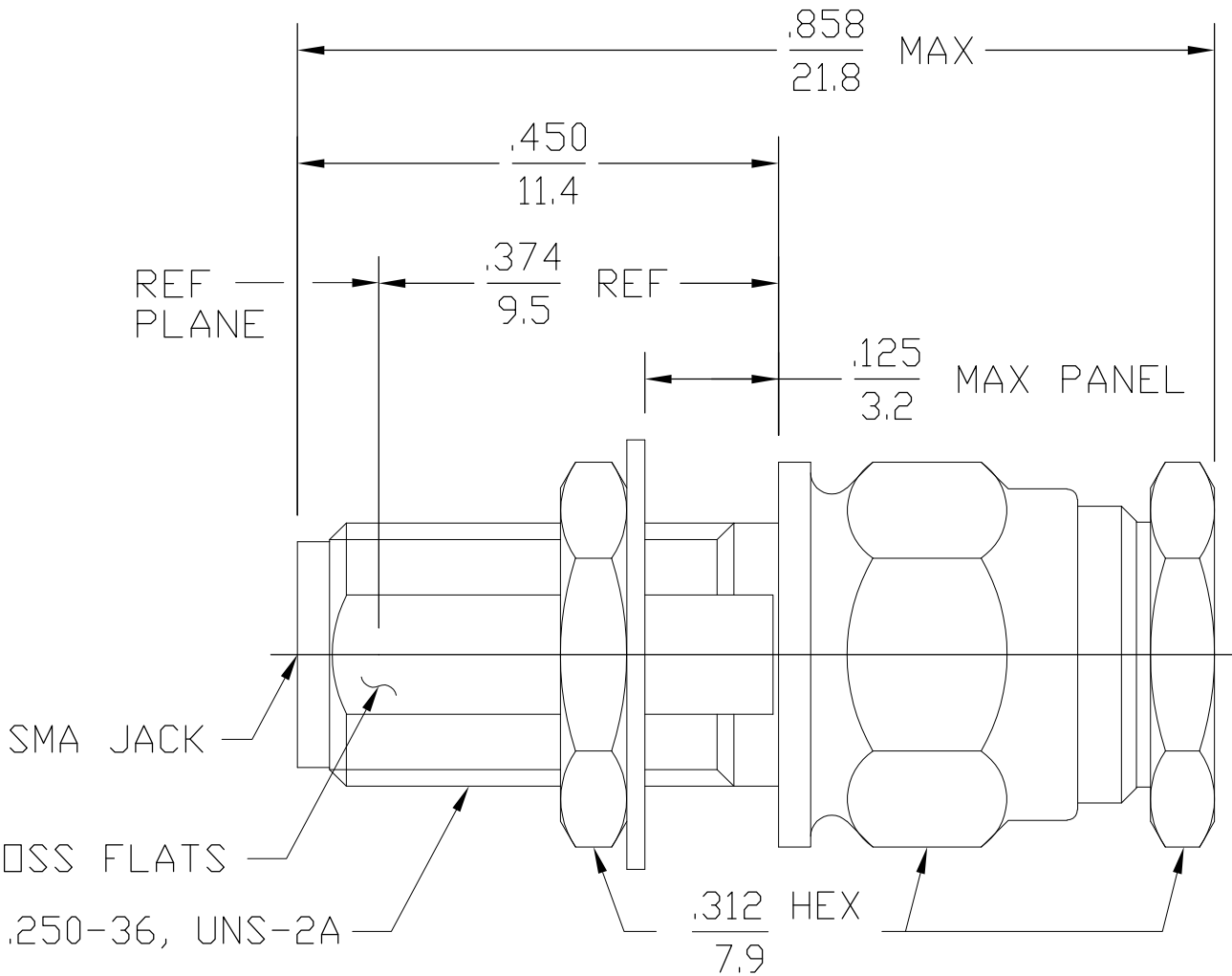
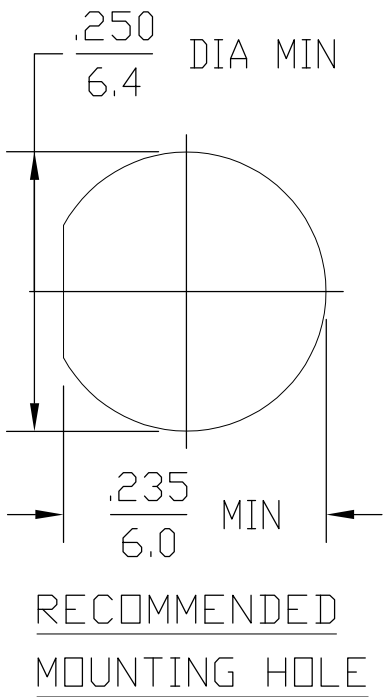


4		3	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
© COPYRIGHT — BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.			
HOUSING MOUNTING NUT CLAMP NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204	
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	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) 50	Interface Dimensions MIL-STD-348A	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) SEE NOTE 2	Fig. 310.2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 335	Torque 7-10 In/Lbs	Shock MIL-STD-202, Method 213,
VSWR 1.2:1 TO 4 GHz	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) .06 √fGHz	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -60 @ 2 to 3 GHz	Withdrawal (MIN Oz) 1.0	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and	EXCEPT HIGH TEMP +135°C
Dielectric Withstanding Voltage	Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1,000	Center Contact Captivation	Method 106. No Measurement at High
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	Humidity. Insulation Resistance Shall
Center Contact 3.0	Radial (In/Oz) N/A	Be at Least 200 Megohms Within
Outer Contact 2.0	Cable Retention	5 Min After Removal From Humidity
Cable to Housing 0.5	Axial Force (Lbs) 45	Corrosion - MIL-STD-202, Method
RF High Potential @ Sea Level	Torque (In/Oz) N/A	101, Condition B, (salt spray)
(VRMS MIN @ 5 MHz) 670	Weight (Grams) TBD	
I.R.(Megohms MIN) 5,000		

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



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	
		PRODUCT SPEC	SMA BULKHEAD JACK, SOLDER CLAMP ATTACHMENT	
		APPLICATION SPEC	-	
MATERIAL SEE TABLE		FINISH -	WEIGHT -	RESTRICTED TO -
		CUSTOMER DRAWING		SCALE 6:1 SHEET 1 OF 1 REV B

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1757069-1](#)