

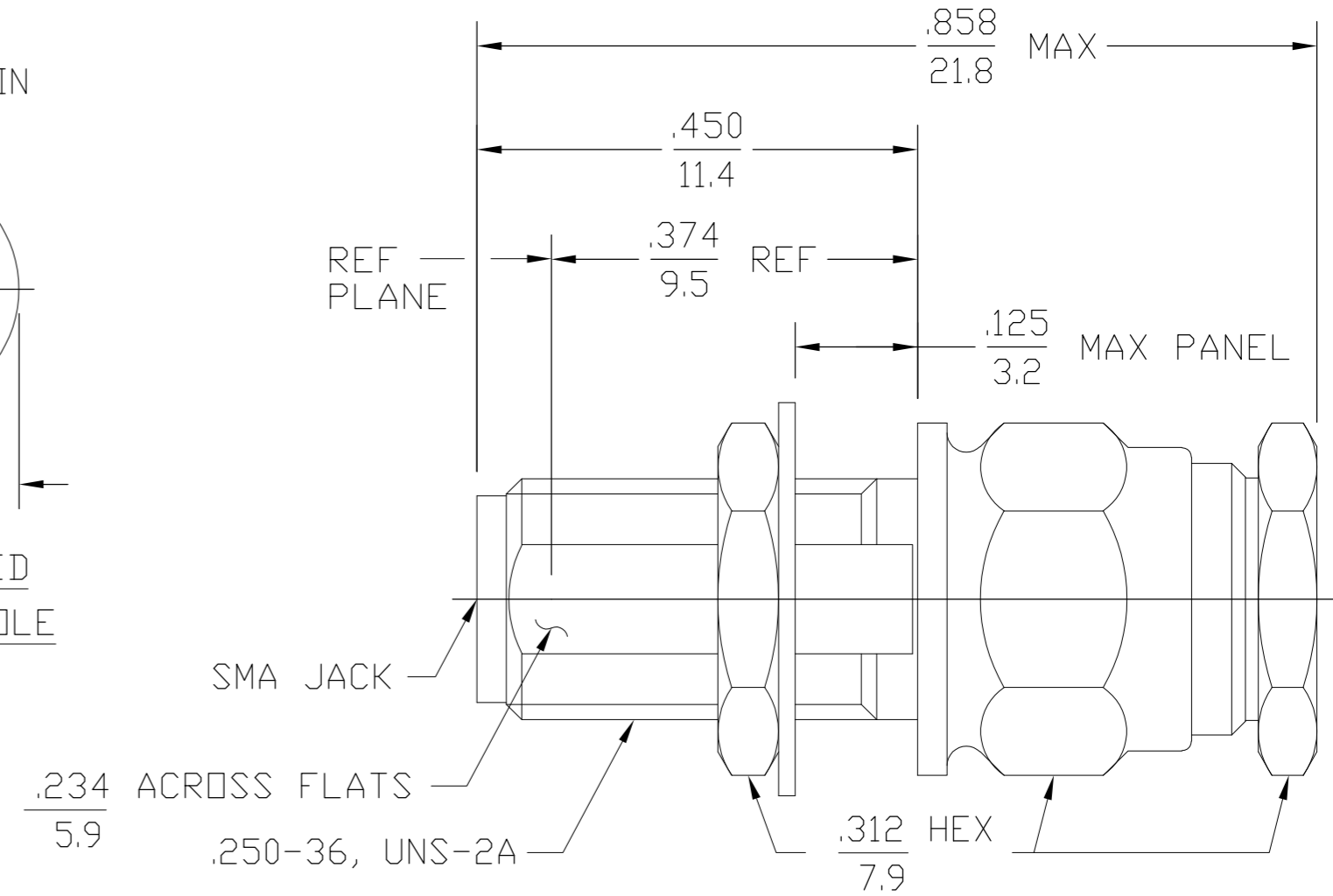
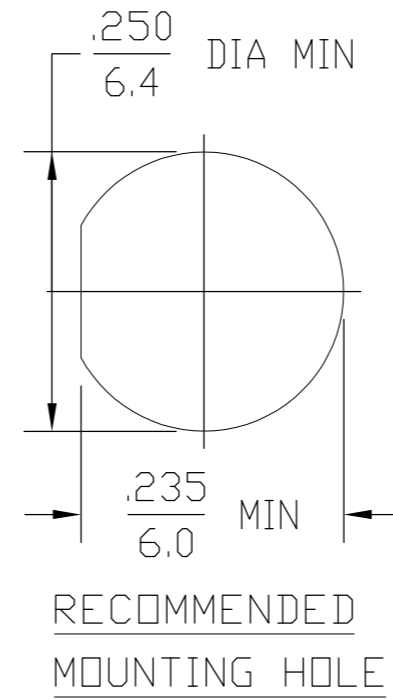
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COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT CLAMP NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR 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

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

REVISIONS						
LOC	DIST	P	LTR	DESCRIPTION	DATE	APVD
-	-	B		REV PER ECO-10-001630	27JAN10	DW

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



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

1757069-1  
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 08APR2008	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK D. WILSON 09APR08	NAME SMA BULKHEAD JACK, SOLDER CLAMP ATTACHMENT	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± ± 1'		APVD D. WILSON 09APR08	PRODUCT SPEC	
MATERIAL SEE TABLE		FINISH -	APPLICATION SPEC	RESTRICTED TO
		WEIGHT -	SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING	DRAWING NO C=1757069	SCALE 6:1
			SHEET 1 OF 1	REV B