LOC	DIST
—	—

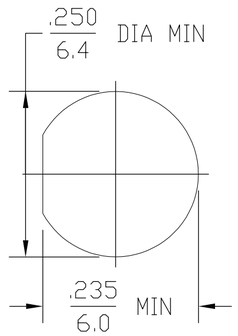
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER ECO-10-001630	27JAN10	PY	DW

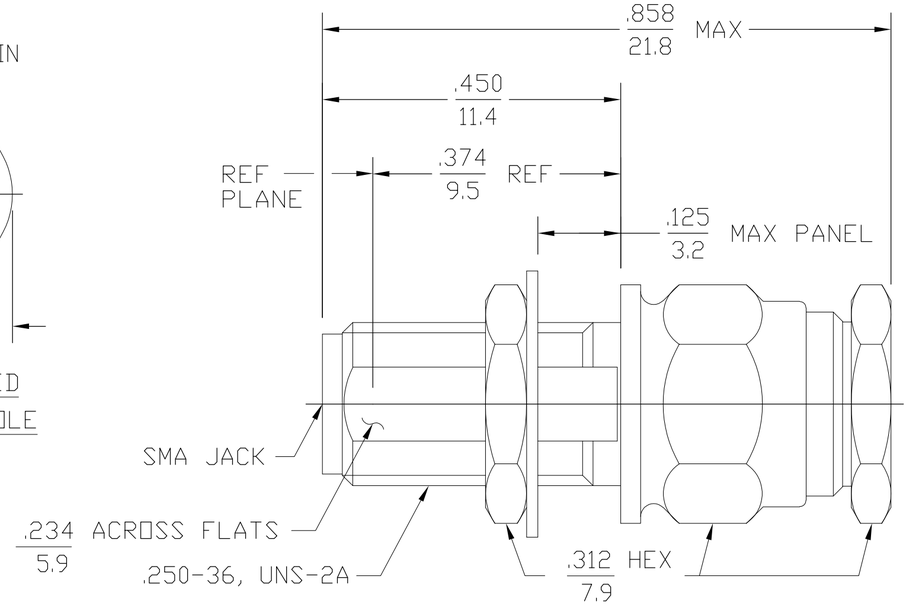
COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT CLAMP NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
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

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



RECOMMENDED MOUNTING HOLE



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 204, Condition D
Volt Rating (VRMS MAX)		Recommended Mating Torque	7-10 In/Lbs	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level	335	Mating Characteristics:		Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +135°C
VSWR	1.2:1 TO 4 GHz	Insertion (MAX Lbs)	3.0	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
Insertion Loss (dB MAX)	$.06\sqrt{f}$GHz	Withdrawal (MIN Oz)	1.0	Corrosion - MIL-STD-202, Method 101, Condition B, (salt spray)
RF Leakage (dB MIN)	-60 @ 2 to 3 GHz	Force to Engage and Disengage (In/Lbs MAX)	2.0	
Corona, 70,000 Ft (VRMS MIN)	250	Center Contact Captivation		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1,000	Axial (Lbs)	6.0	
Contact Resistance (Milliohms MAX)		Radial (In/Oz)	N/A	
Center Contact	3.0	Cable Retention		
Outer Contact	2.0	Axial Force (Lbs)	45	
Cable to Housing	0.5	Torque (In/Oz)	N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670	Weight (Grams)	TBD	
I.R.(Megohms MIN)	5,000			

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

1757069-1
PART NO.

1757069