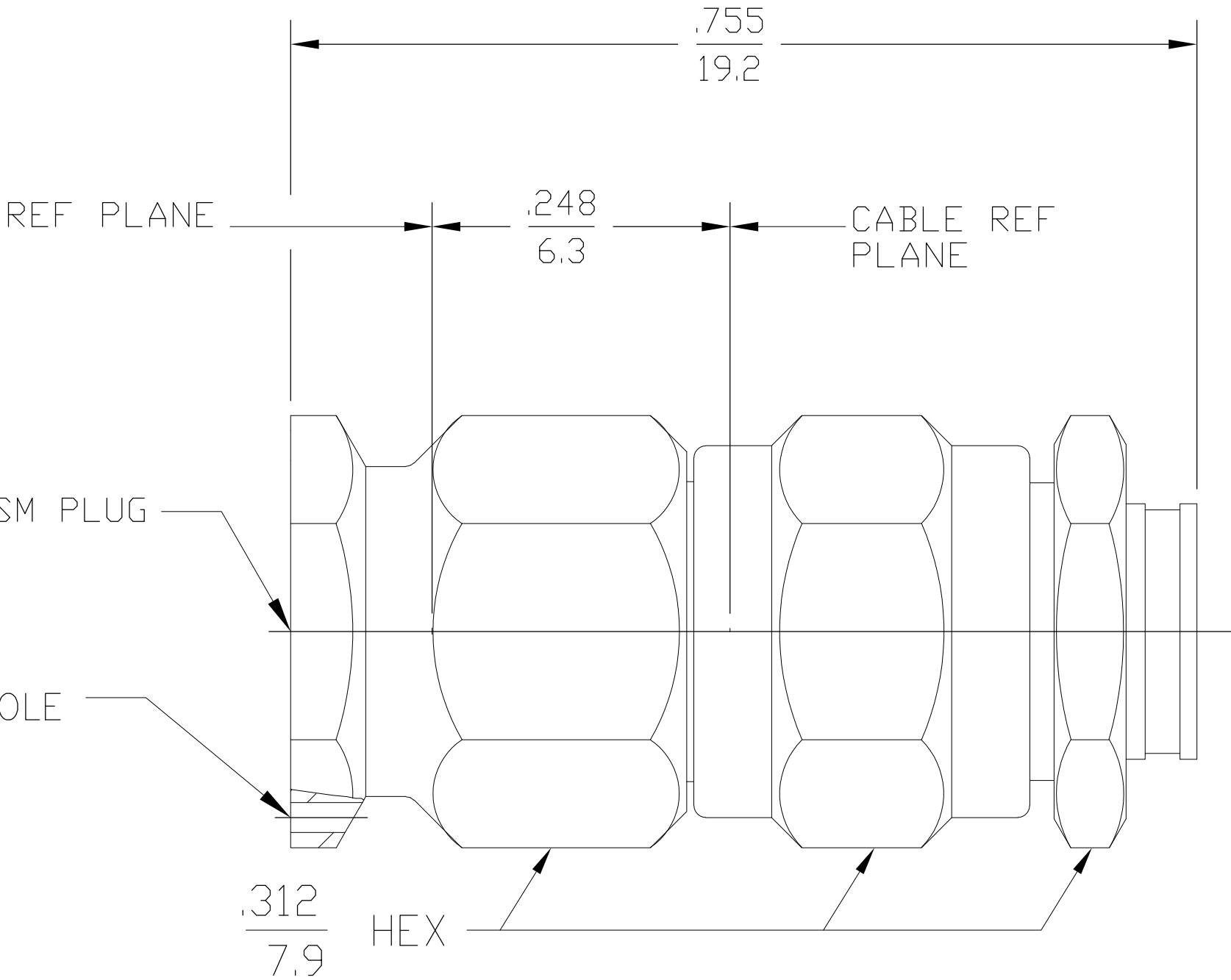


LOC	DIST	REVISIONS				
—	—	P	LTR	DESCRIPTION	DATE	APVD
		B		REV PER ECO-08-032218	13JAN2009	PK DW

HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
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
SLEEVE	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
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



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.07 + .01 f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .03 √f(GHz)	Withdrawal (MIN Oz) N/A	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) -[90-f(GHz)]	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Cable Retention Axial Force (Lbs MIN) 30	
Contact Resistance (Milliohms MAX)	Torque (In-Oz) 16	
Center Contact 3.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5,000		

.XXX = in
XX.X = mm (REF)

DESIGNED FOR USE WITH .085 S.R. CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.022
SLEEVE	.088

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 04JUN2007	Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK D. WILSON 06JUN07				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. WILSON 06JUN07	NAME			
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1° FINISH	PRODUCT SPEC — APPLICATION SPEC 408-4918	OSM STRAIGHT CABLE PLUG SOLDER CLAMP ATTACHMENT M39012/79B3003 CAT B			
MATERIAL SEE TABLE		WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO C=1050777	RESTRICTED TO —
CUSTOMER DRAWING			SCALE 10:1	SHEET 1 OF 1	REV B	