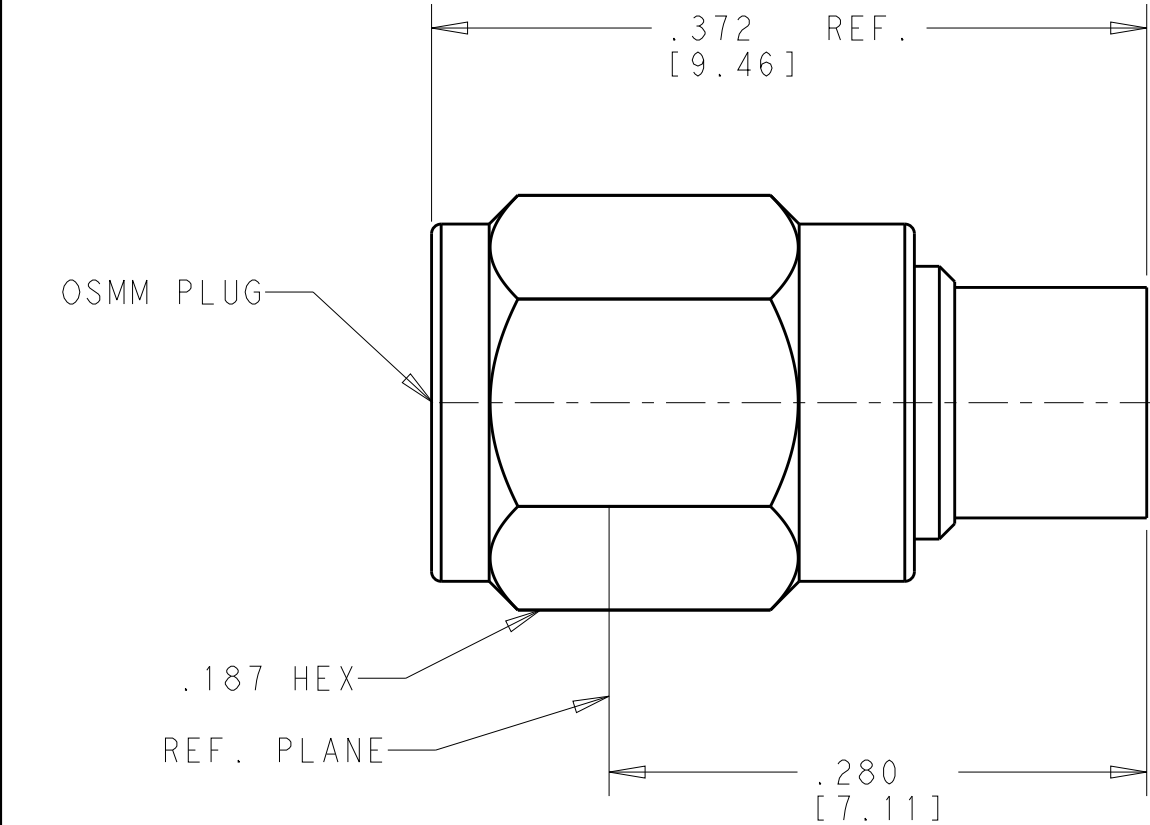


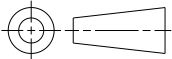
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REV PER ECO 17-014431	10-11-17	CT	DW



1. CENTER CONTACT IS SHIPPED UNASSEMBLED.

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOM. IMPEDANCE (OHMS) <u>50 ±1</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3</u> Withdrawal (MIN Oz) <u>.5</u> Force to Engage (In-Lbs MAX) <u>1.0</u> & Disengage Center Contact Captivation Axial (Lbs) <u>N/A</u>	TEMP. RATING <u>-65° TO +165°C</u>
Freq. Range (GHz) <u>DC to 45</u>		Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>190</u>		Shock MIL-STD-202, Method 213 Condition 1
VSWR <u>1.05±.005X F(GHz)</u>		THEMAL SHOCK Method 107, Cond B except High Temp +115°C
Insertion Loss (db Max) <u>.08x SQRT.f(GHz)</u>		Moisture Resistance MIL-STD-202 Method 106
RF Leakage (db MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>		Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000Ft.(VRMS MIN) <u>150</u>		
Dielectric Withstanding Voltage (VRMS MIN)@ Sea Level <u>500</u>		
Contact Resistance (Millohms MAX) Center Contact <u>4.0</u>		
Outer Contact <u>3.0</u>		
Cable to Housing <u>1.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5MHz) <u>375</u>		
IR (Megohms MIN) <u>5000</u>		

HOUSING	100-222-2, STAINLESS STEEL	GOLD PLATE PER ASTM B488
DIELECTRIC	100-54, PTFE, NATURAL	N/A
CENTER CONTACT	100-110 BRASS, HALF HARD	GOLD PLATE PER ASTM B488
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. Wilson 09SEPT2008	 TE Connectivity			
DIMENSIONS: INCHES		CHK S. T. Morley 09NOV2009	NAME OSMM STRAIGHT CABLE PLUG DIRECT SOLDER FOR .086 DIA. CABLE -			
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.02 3 PLC ±.005 4 PLC ±.0005 ANGLES ±1.0°	APVD DHW 24MAY2011				
		PRODUCT SPEC -				
		APPLICATION SPEC 408-10450				
MATERIAL SEE TABLE -	FINISH SEE TABLE -	WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1996942	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 15:1	SHEET 1	OF 1	REV C