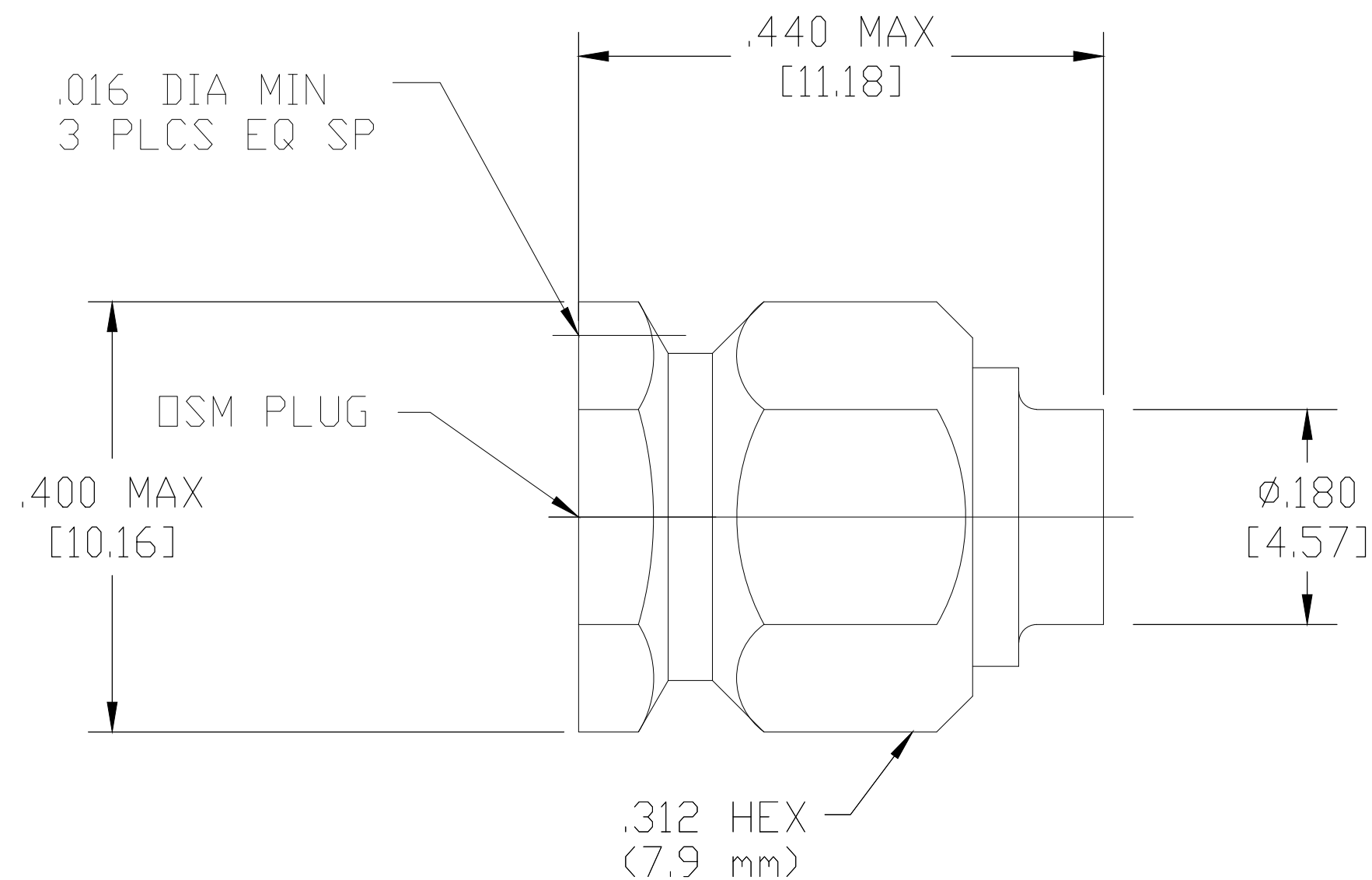


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
B		REV PER ECO 20-006486	5-15-20	CT	DW

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	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-348, Fig. 310.1	Temperature Rating -65°C to 165°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7 to 10 in-LBs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 500	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .008f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) .03√f(GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106,
RF Leakage (dB MIN) -(90-f(GHz))	Force to Engage and Disengage (In/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Center Contact Captivation Axial (Lbs) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Radial (In/Oz) N/A	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Cable Retention Axial Force (Lbs) 60	
Outer Contact 2.0	Torque (In/Oz) 55	
Cable to Housing 0.5	Weight (Grams) T.B.D.	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000		
I.R.(Megohms MIN) 5,000		

DESIGNED FOR USE WITH .141 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.039
HOUSING	.144

THIS DRAWING IS A CONTROLLED DOCUMENT.	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± -
	1 PLC ± -
	2 PLC ± -
	3 PLC ± .005
	4 PLC ± -
ANGLES	± -
MATERIAL SEE TABLE	FINISH SEE TABLE

DWN C.C.THOMAS 15MAY2020	M39012/79B3002 1050776-1	
CHK D.WILSON 5-15-20	MIL PIN PART NUMBER	
APVD D.WILSON 5-15-20	TE Connectivity	
PRODUCT SPEC	OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT CAT B	
APPLICATION SPEC	SIZE A2	RESTRICTED TO
408-04919	CAGE CODE 00779	DRAWING NO C=1050776
WEIGHT 0	SCALE 8:1	SHEET 1 of 1
CUSTOMER DRAWING	REV B	