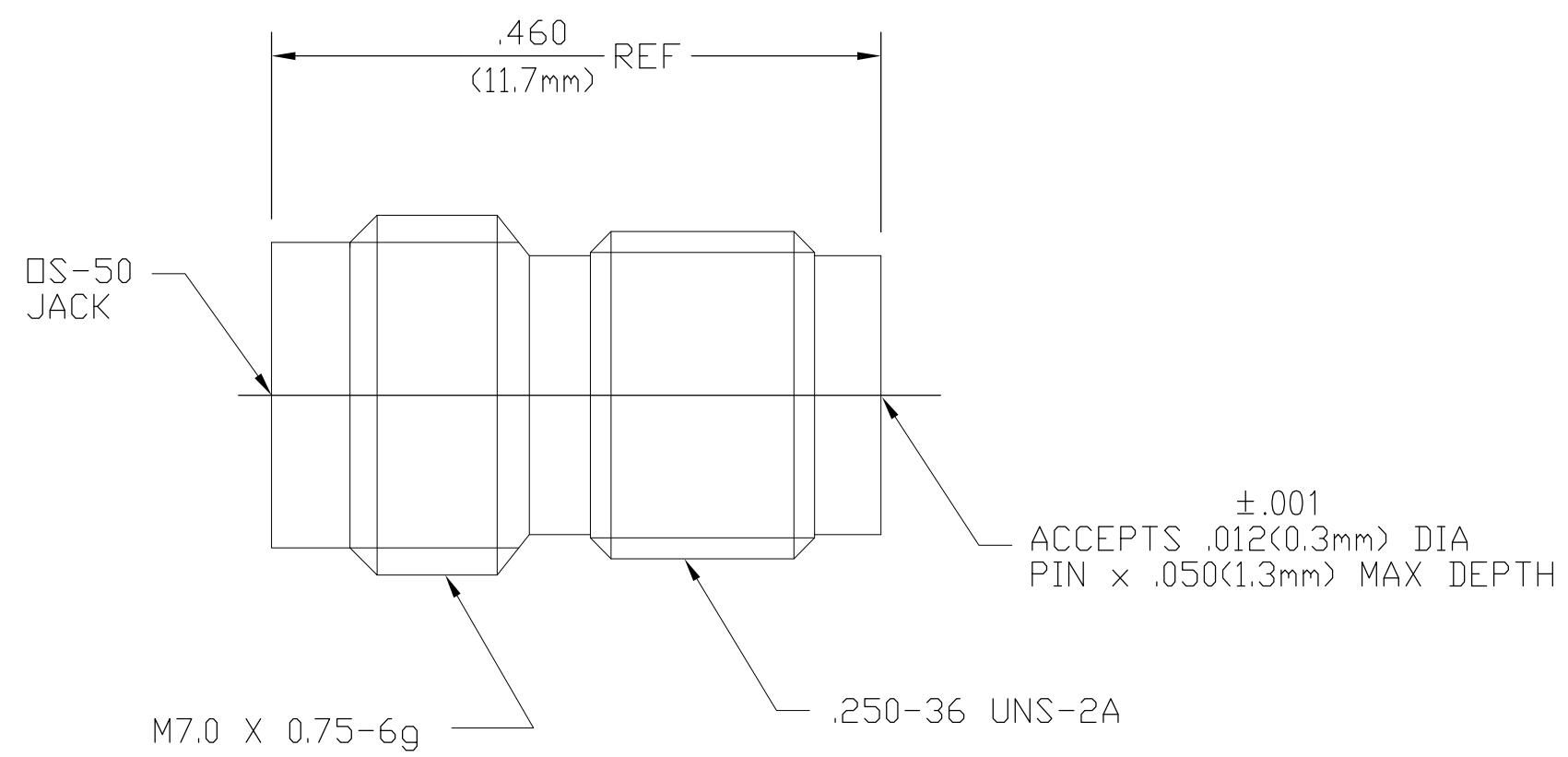


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	REV PER ECO-11-013151	11JUL11	PY	DW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) <u>50 ± 1</u>	Interface Dimensions See Catalogue	TEMPERATURE RATING <u>-55° TO +125°C</u>
Frequency Range (GHz) DC to <u>50</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D, 20Gs
Volt Rating (VRMS MAX) @ Sea Level <u>N/A</u>	Insertion (MAX Lbs) <u>2</u>	Shock MIL-STD-202, Method 213, Condition I, 100Gs
VSWR DC to 18 GHz : <u>1.15 MAX</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
18 to 26.5 GHz : <u>1.18 MAX</u>	Force to Engage (In/Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
26.5 to 45 GHz : <u>1.29 MAX</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Insertion Loss (dB MAX) <u>.07x √f(GHZ)</u>	Axial (Lbs) <u>4</u>	
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHZ))</u>		
Corona, 70,000 Ft (VRMS MIN) <u>150</u>		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>		
Contact Resistance (Milliohms MAX)		
Center Contact <u>4.0</u>		
Outer Contact <u>4.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>600</u>		
I.R.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	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, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

1046294-1
PART NUMBER

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

DWN P. YEAGER 13NOV2007
CHK D. WILSON 14NOV07
APVD D. WILSON 14NOV07
PRODUCT SPEC
APPLICATION SPEC
WEIGHT -
CUSTOMER DRAWING

OBSOLETE TE Connectivity
 NOT THE LATEST REVISION

OS-50 PANEL FEED THRU JACK RECEPTACLE ACCEPTS .012 DIA PIN

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A300779	C-1046294		-

SCALE 5:1 SHEET 1 OF 1 REV C