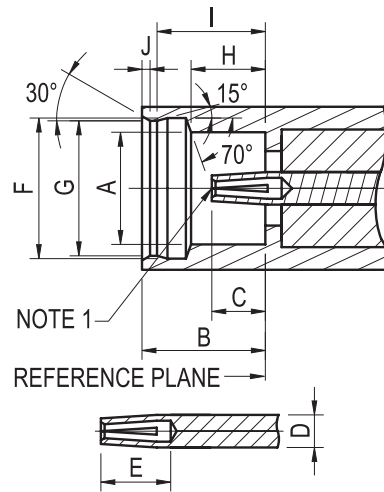
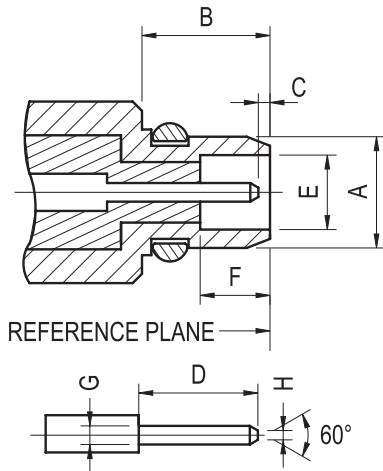


# Specifications

Electrical		Material		
Impedance	50 ohm	Parts Name	Material	Finish
Frequency Range	0-6 GHz	Body, Metal Parts	Brass per QQ-B-626	Gold
Working Voltage	170 VRMS max. at sea level	Center Contacts	Plug:Brass per QQ-B-626	
Dielectric Withstanding Voltage	500 VRMS min. at sea level		Jack:Beryllium copper per QQ-C-530	
VSWR	Straight: 1.3 max.	Insulators	PTEF	None
	Right Angle: 1.5 max.	Crimp Ferrules	Annealed copper	Gold
Contact Resistance	Center Contact: 5 Milliohms Max. Outer Contact: 2.5 Milliohms Max.	Note : Other Material/Finish is Available on Request.		
Insulator Resistance	1000 megohms min.			

Environmental		Mechanical	
Temperature Range	-40°C thru 90°C	Engagement Force	3.4 lbs. max.
Temperature Shock	Mil-STD-202, Method 107	Disengagement Force	1.4 lbs.-3.4lbs.
Humidity	Mil-STD-202, Method 103, Condition B	Contact Retention	2.3 lbs. min.
Vibration	3 cycles, 3 opposite directions, 10-150 Hz, 10-60 Hz:0.75 mm/ 0.030in., 60-150 Hz 10G's	Durability(Mating)	500 cycles min.
Mechanical Shock	Mil-STD-202, Method 213, Condition B		

# Interface Mating Dimensions



PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	-	2.40(.094)
B	2.70(.106)	-
C	0.00	0.25(.010)
D	-	3.15(.124)
E	1.58(.062)	1.62(.064)
F	1.45(.057)	-
G	0.38(.015)	0.42(.017)
H	-	0.20(.008)

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	2.41(0.95)	-
B	2.60(.102)	-
C	0.90(.035)	1.20(.047)
D	0.68(.027)	0.72(.028)
E	1.40(.055)	-
F	3.00(.118)	3.04(.120)
G	2.87(.113)	2.90(.114)
H	1.57(.062)	1.63(.064)
I	2.30(.091)	2.34(.092)
J	-	0.23(.009)

NOTE 1 : I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.38/0.42 MM DIA. PIN.