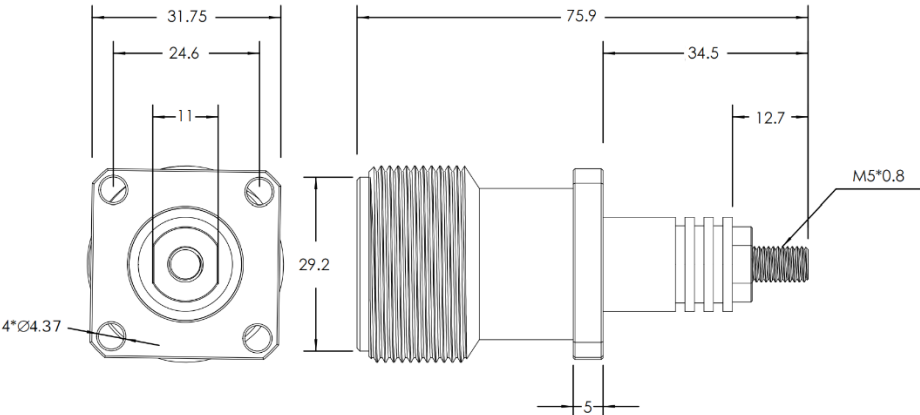


Item Number: R18FS07	Description: LC Female Receptacle	Phase: Production
Revision No.: A	Status: New	Page 1 of 1
Customer Product Number	Created by: L.Z	Approved by: VX
Customer Product Description	Creation Date: 2024.09.29	Approval Date: 2024.09.29



Dimensions are in mm

I . Component Material

Part	Material	Plating	Thickness(um)
Center Pin	Beryllium Copper	Silver	0.1
Insulation	PTFE	-	-
Outer Conductor	Brass	Abaloy	3

II . Electrical Parameter

Impedance	50 Ω
Frequency range	DC to 1 GHz
Voltage Rating	3000V
Insulation Resistance	Min 10000Mohm
Insertion Loss (f / GHz):	0.1 x sqrt (f) dB

III. Environment Parameter

Temperature Range:	-20℃ ~+80℃
Thermal Shock:	MIL-STD-202
Vibration:	MIL-STD-202
Shock:	MIL-STD-202
Climatic Class:	IEC 60068 55/155/56
RoHS:	Compliant

IV. Mechanical Parameter

Durability:	500 Cycles
Tolerance:	
Machined Surfaces Finish:	1.6 RMS MAX.
Angles ±2° Fractions ± N/A	
Remove All Burrs:	0.15X45 MAX. BREAK
Machine Corners:	0.15X45 D MAX. FILLET
R. Tolerance On Decimals:	.X ±0.15 .XX ±0.1