

Product: 30Khz-70GHz bias Tee

Part Number: KBT000610



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	30Khz	-	70Ghz	
2	Insertion Loss	-	2.5	4.0 dB Max.@ 30 KHz - 50 GHz	dB
3	Voltage:	-	-	25	V
4	DC Current	-	-	0.5	A
5	VSWR	-	1.6	2.5	-
6	Isolation				dB
7	Operating Temperature Range	-40	-	+70	°C
8	Impedance	-	50	-	Ω
9	Connecter	RF In: 1.85 (M); RFDC Out: 1.85 (F); DC: SMA (F)			
10	Power	1w			
11	Finishing	Gold Plating			

Environmental Specifications	
Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+105°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions
Mechanical Specifications	
Housing	Copper
Connector	Ternary alloy
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	40g

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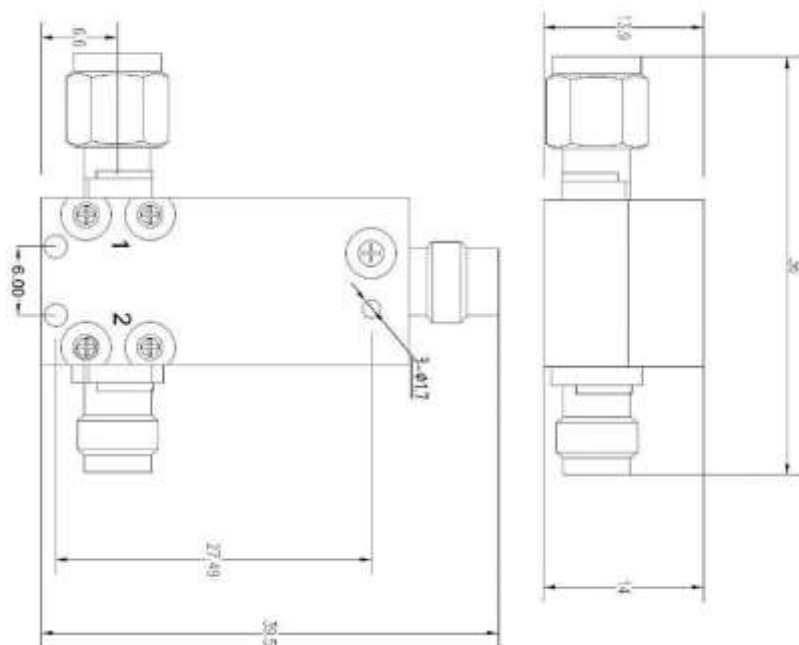
Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: RF In: 1.85 (M); RFDC Out: 1.85 (F); DC: SMA (F)



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