

Product: 0.3-18Ghz bias Tee

Part Number: KBT003180



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.3	-	18	MHz
2	Insertion Loss	-	1.3	1.5	dB
3	Voltage:	-	-	50	V
4	DC Current	-	-	0.5	A
5	VSWR	-	1.4	1.6	-
6	weight			40	g
7	Operating Temperature Range	-40	-	+70	°C
8	Impedance	-	50	-	Ω
9	Connecter	RF In: SMA (M); RFDC Out: SMA (F); DC: SMA (F)			
10	Power	1W			
11	Finishing	Conductive Oxidation			

Environmental Specifications	
Operational Temperature	-40°C~+70°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	Aluminum
Connector	Ternary alloy
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	40g

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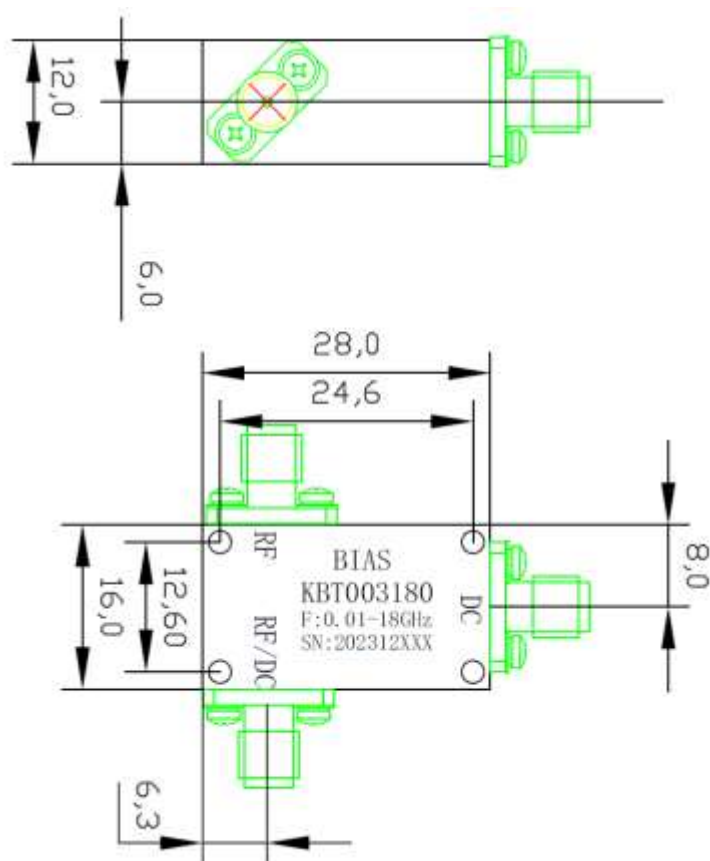
Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

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



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