

Features

- High power handling capability up to 30W
- Wide band operation
- High isolation within operational band
- Low Insertion loss
- Stable performance over temperature
- Aerospace and military applications
- LMDS multi-carrier operation
- High peak to average handling capability
- All specifications can be modified upon request

Electrical Specifications

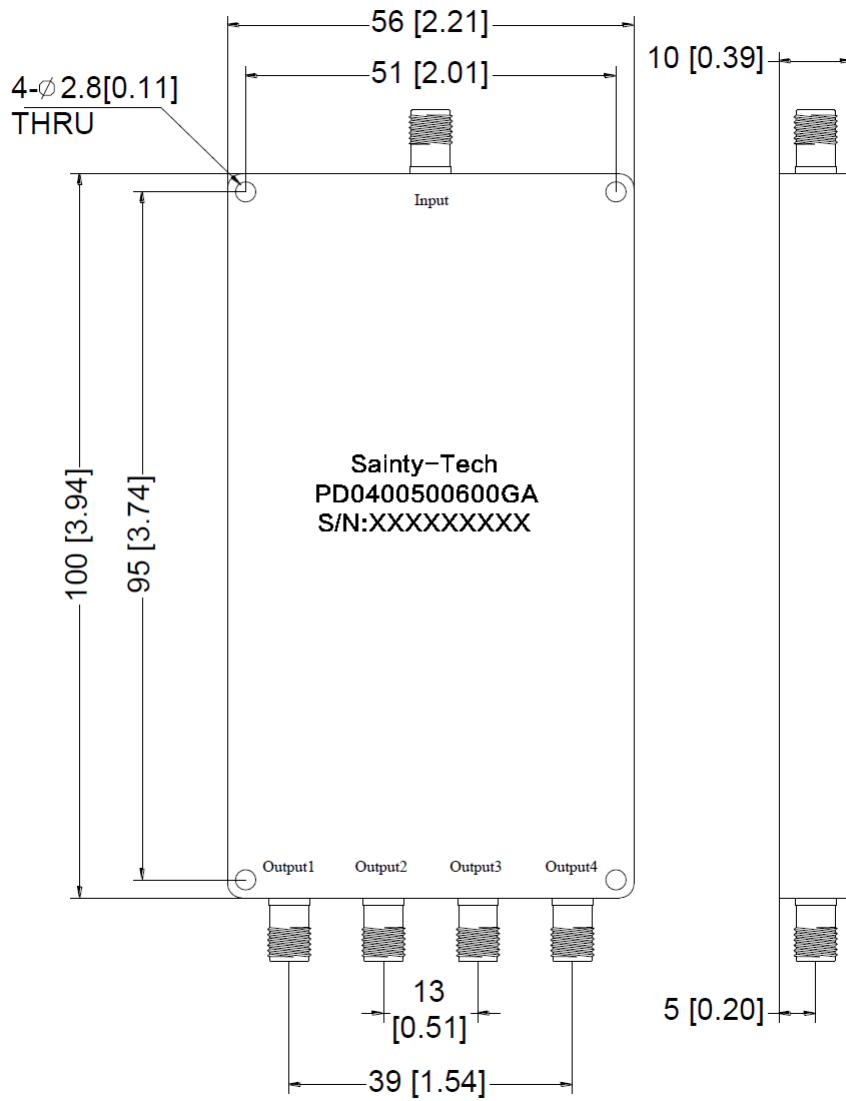
Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Unit
Frequency	0.5	-	2	2	-	6	GHz
Nominal SplitterLoss	-	6	-	-	6	-	dB
Insertion Loss	-	0.7	1.0	-	1.5	1.8	dB
Isolation	19	20	-	19	20	-	dB
Input VSWR	-	1.35	1.4	-	1.35	1.4	--
Output VSWR	-	1.3	1.4	-	1.3	1.4	--
Amplitude Unbalance	-	±0.2	±0.3	-	±0.25	±0.3	dB
Phase Unbalance	-	±3	±4	-	±3	±4	deg
Power Rating	Forward Power	30					W
	Reverse Power	2					W
	Peak Power	300					W
Impedance	50					Ohms	
Weight	4.5Max.					Ounce	
Input / Output Connectors	SMA-FEMALE						
Materials	Aluminum						
Finish	Gray Paint						

Environmental Specifications

Operating Temperature	-40 to +85°C
Storage Temperature	-50 to +105°C
Altitude	30,000ft (Epoxy Sealed Controlled environment)

Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C 95% RH at 40°C
Shock	20G for 11msec half sinewave, 3 axis both directions

Outline Drawing



Unit: mm [inches]

Outline tolerance: ±0.5[0.02]

Mounting Holes Tolerances: ±0.2[0.008]