

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

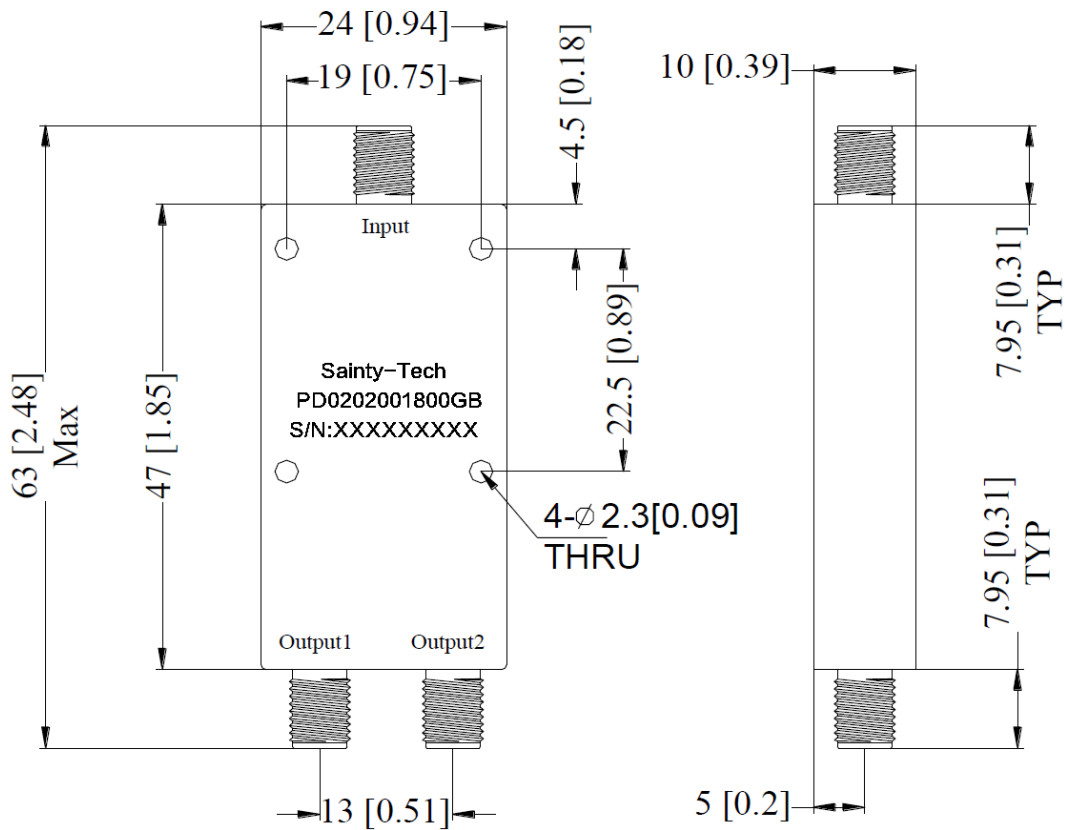
Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Unit
Frequency	2	-	8	8	-	18	GHz
Nominal Splitter Loss	-	3	-	-	3	-	
Insertion Loss	-	0.6	0.8	-	0.8	1.0	dB
Isolation	18	19	-	18	20	-	dB
Input VSWR	-	1.3	1.45	-	1.4	1.5	--
Output VSWR	-	1.2	1.3	-	1.4	1.5	--
Amplitude Imbalance		0.2	0.3		0.3	0.4	dB
Phase Imbalance		3	4		4	5	deg
Power Rating	Forward Power	30					W
	Reverse Power	1					W
	Peak Power	300					W
Impedance	50					Ohms	
Weight	1.06					Ounce	
Input / Output Connectors	SMA-FEMALE						
Material	Aluminum						
Finish	Gray Paint						

Environmental Specifications

Operating Temperature	-45 to +85°C
Storage Temperature	-55 to +125°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: ± 0.25 [0.01]