

## 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

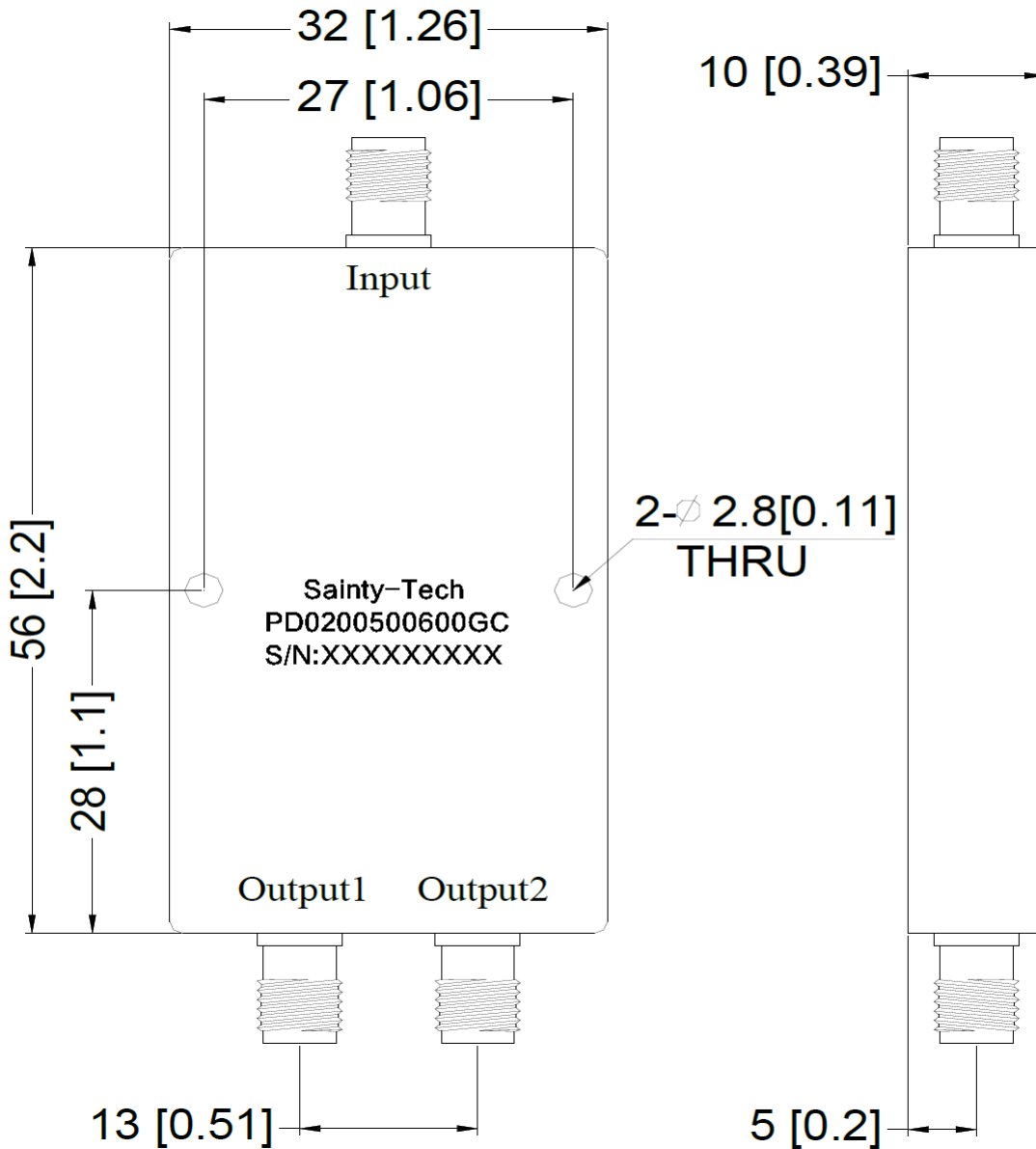
Parameter	Min.	Typ.	Max.	Unit
Frequency	0.5	-	6	GHz
Nominal Splitter Loss	-	3	-	dB
Insertion Loss	-	0.9	1.1	dB
Isolation	20	-	-	dB
Input VSWR	-	1.25	1.3	--
Output VSWR	-	1.2	1.25	--
Amplitude Imbalance	-	-	0.2	dB
Phase Imbalance	-	-	3	deg
Power Rating	Forward Power	30		W
	Reverse Power	2		W
	Peak Power	300		W
Impedance	50			Ohms
Weight	/			Ounce
Input / Output Connectors	SMA-FEMALE			
Materials	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:  $\pm 0.25$ [0.01]