

Part No.: TBG-003512-3S-90-SMD

90 Degree 3dB Bridge

电气特性 Electrical:

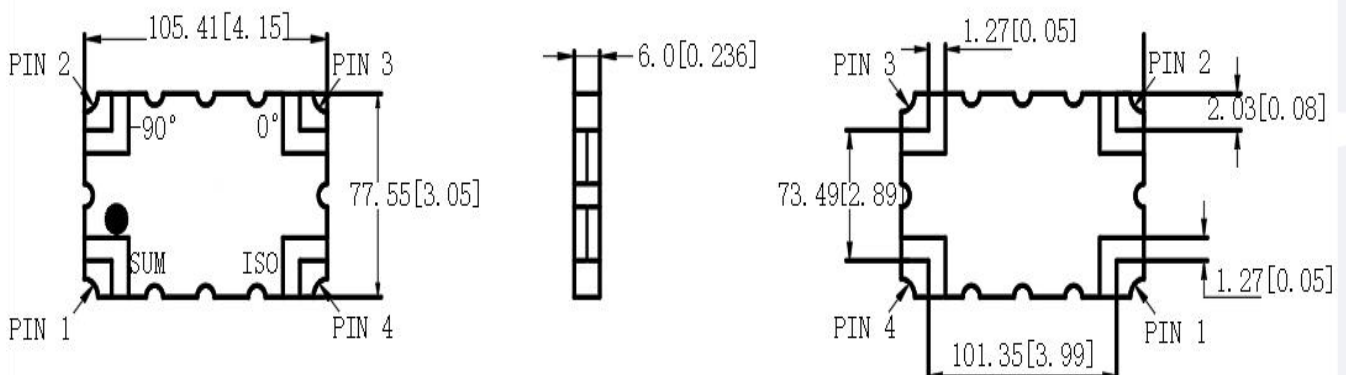
工作频率 Frequency Range:	30-512MHz
耦合度 Coupling :	3dB
插入损耗 Insertion Loss:	1.2dB Max
隔离度 Isolation:	18.0dB Min
驻波 VSWR:	1.35:1 Max
幅度平衡 Amplitude Balance:	± 1.0 dB max
相位平衡 Phase Balance:	90 ± 3.5 degree
耐功率 Power Handling:	200 Watt
阻抗 Impedance:	50 OHMS

机械特性 Mechanical:

温度范围 Temperature Range:	-55° C - $+105^{\circ}$ C
大小 Size:	105.41mm*77.55mm
厚度 Thickness:	6.0mm
相对湿度 Relative Humidity:	0 ~ 90%

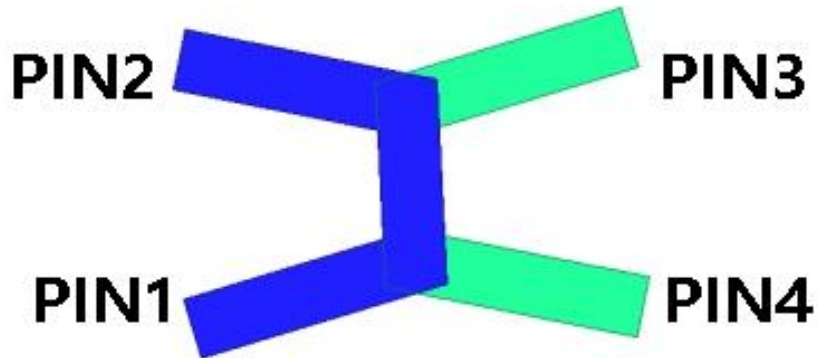
外形尺寸 Outline Drawing:

Unit: mm(Inches)



端口配置表 Port Configuration Table:

Hybrid Coupler Pin Configuration



Configuration	Pin1	Pin2	Pin3	Pin4
Splitter	Input	$-3\text{dB} < \theta < 90^\circ$	$-3\text{dB} < \theta$	Isolated
Splitter	$-3\text{dB} < \theta < 90^\circ$	Input	Isolated	$-3\text{dB} < \theta$
Splitter	$-3\text{dB} < \theta$	Isolated	Input	$-3\text{dB} < \theta < 90^\circ$
Splitter	Isolated	$-3\text{dB} < \theta$	$-3\text{dB} < \theta < 90^\circ$	Input
Combiner	Isolated	$-3\text{dB} < \theta < 90^\circ$	$-3\text{dB} < \theta$	Output
Combiner	$-3\text{dB} < \theta < 90^\circ$	Isolated	Output	$-3\text{dB} < \theta$
Combiner	$-3\text{dB} < \theta$	Output	Isolated	$-3\text{dB} < \theta < 90^\circ$
Combiner	Output	$-3\text{dB} < \theta$	$-3\text{dB} < \theta < 90^\circ$	Isolated