

IPS Series Four Way

12dB Thick Film Resistive Power Splitter

Data Sheet | ver. B 1/2018

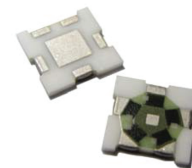
RoHS

Sn62

NON-MAG

BONDABLE

The IPS series 12dB power splitter is a simple, low-profile, space saving alternative to softboard solutions. They are ideal for nearly any low to medium power RF and Microwave application. Circuit construction is SMT on alumina and the device is fully symmetric. A microstrip version of this device is also available by contacting factory.



FEATURES

ITEM	SPECIFICATION
Attenuation (<i>by design</i>):	12dB each output
Attenuation Accuracy (<i>by design</i>):	±0.7dB
Operating Frequency ¹ :	DC to 7GHz
Input Power Rating ² :	3W
Load Power Rating ² :	.75W
Operating Temperature:	-55°C to 150°C
VSWR (Max) ¹ :	1.3:1
Impedance:	50Ω in/out standard
Architecture:	Thick Film on 96% Alumina
Dimensions:	0.295" x 0.287" x 0.035" Max

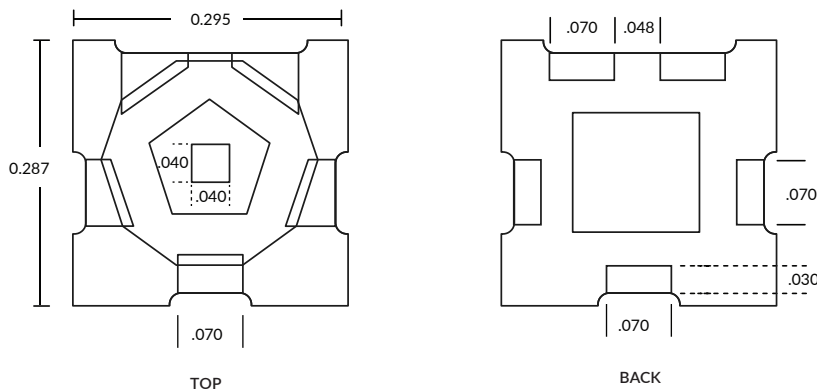
IPS2522

Terminal Style: Wraparound
 Terminal Material: Platinum Silver
 Attachment: Solder or Epoxy

1. Device will operate to 20GHz and above when mounted in an appropriately designed circuit exhibiting VSWR and amplitude balance, whose magnitude depends on the quality and integrity of the match and other circuit dependent parameters.
2. Baseplate temperature 100°C or less.

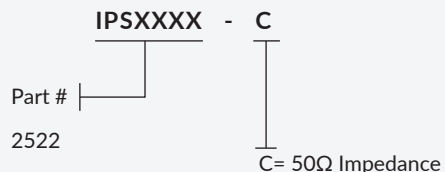
DIMENSIONS

IPS2522 (WA)



ORDERING INFORMATION

Example: IPS2522-C



Packaging: B=Bulk, T=Tape and Reel, U=Upside Down
 RoHS Compliant = ✓

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