

90 Degree Coupler: 6000 – 12000 MHz., 50 Watt, SMD

ELECTRICAL SPECIFICATIONS:

Frequency.....	6000 – 12000 MHz.
Power	50 Watts CW
VSWR	1.35:1
Insertion Loss	<0.45 dB
Isolation	>16 dB
Phase Balance	+/- 6 Degrees
Amplitude Balance	+/- 0.70 dB
Operating Temperature.....	-55° to 85° C
Package Size	0.200" x 0.250" x 0.069"
Export Classification	EAR99



APPLICATIONS:

Test and Measurement

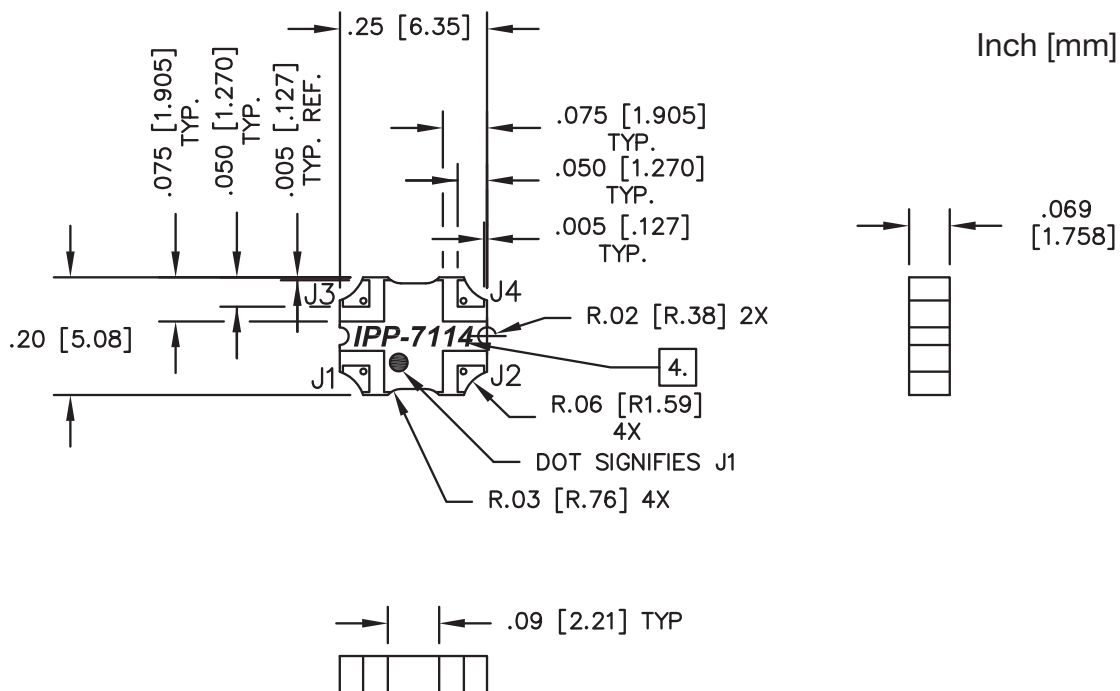
NOTES:

Plating for standard product is Tin/Lead.

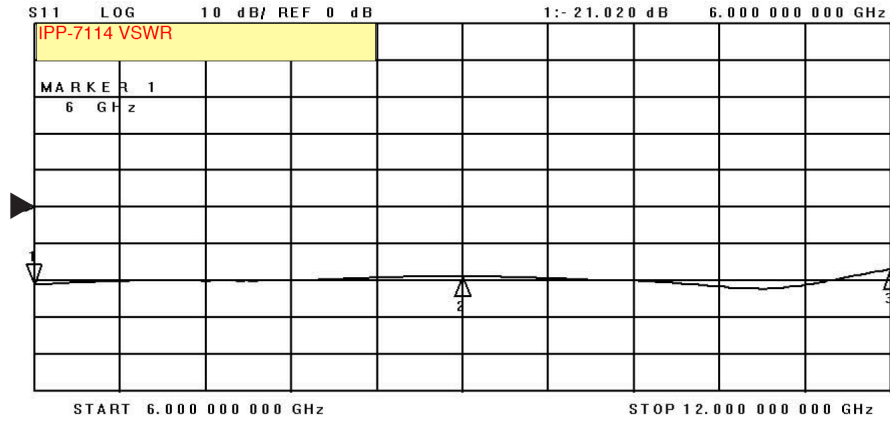
Also available in RoHS Matte Tin (IPP-7114RT) and RoHS Nickel Gold (IPP-7114RG).

All models available on tape and reel.

DIMENSIONAL DRAWING



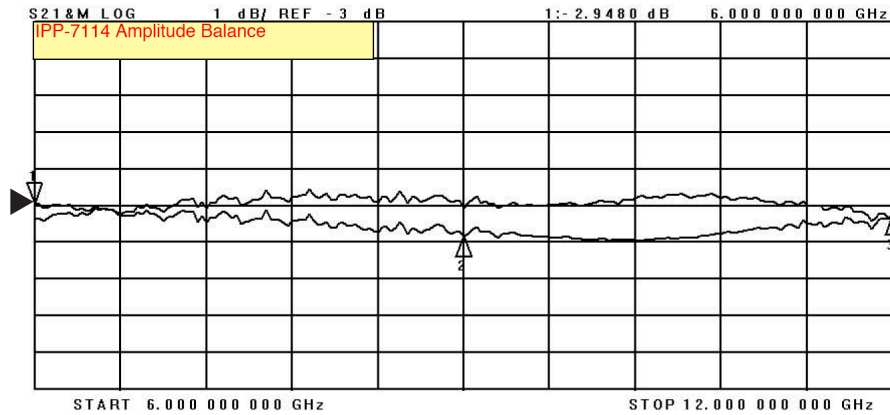
VSWR



Markers

- 1: -21.020 dB
6.0000 GHz
- 2: -18.817 dB
9.0000 GHz
- 3: -16.813 dB
12.00000 GHz

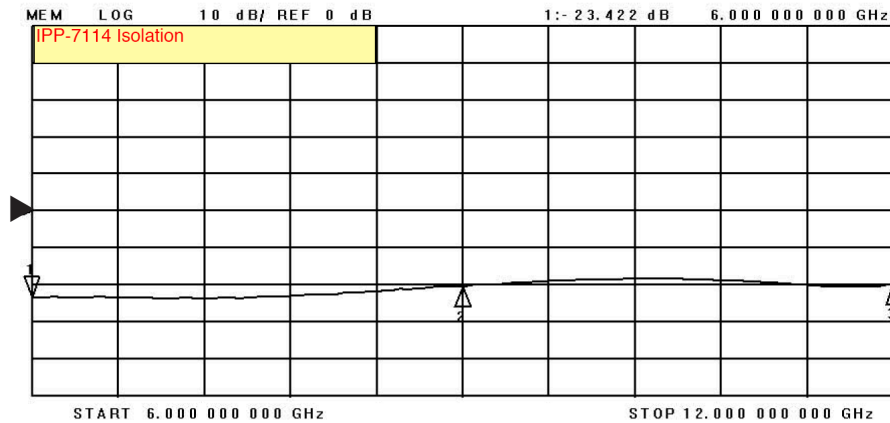
Amplitude Balance



Markers

- 1: -2.9480 dB
6.0000 GHz
- 2: -3.8390 dB
9.0000 GHz
- 3: -3.2510 dB
12.00000 GHz

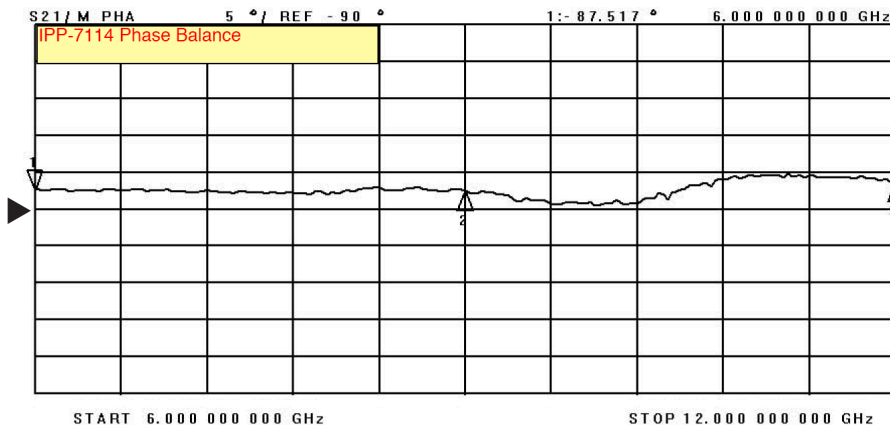
Isolation



Markers

- 1: -23.422 dB
6.0000 GHz
- 2: -20.408 dB
9.0000 GHz
- 3: -19.790 dB
12.00000 GHz

Phase Balance



Markers

- 1: -87.517°
6.0000 GHz
- 2: -87.454°
9.0000 GHz
- 3: -86.137°
12.00000 GHz