

Preliminary

90° Hybrid / Broadband Hybrid

RWY0618-AG200

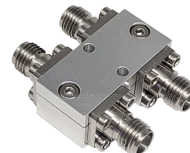
RFHIC

Product Features

- High power handling
- Wide bandwidth
- High isolation

Applications

- Electronic warfare
- SSPA power dividing and combining



Description

The RWY0618-AG200, 90° hybrid is designed for the broadband high power combining application. The RWY0618-AG200 was applied to RFHIC 40W SSPA, RRM06180050-F1A.

Electrical Specifications

PARAMETER	UNIT	SPECIFICATION
Operating Frequency	GHz	6 ~ 18
Nominal Coupling	dB	3
Insertion Loss	dB	Max. 0.8
Amplitude Balance	dB	Max. 0.8
Phase Balance	°	Max. 10
Isolation	dB	Min. 15
VSWR	-	< 1.5 : 1
Power handling each Input	W	CW40, Peak 400W
Impedance	Ohm	50

Mechanical Specifications

PARAMETER	UNIT	VALUE
Dimensions	mm	25 x 31 x 9.95
RF Input / Output Interface	-	SMA(F)
Weight	g	20 Max



Certification

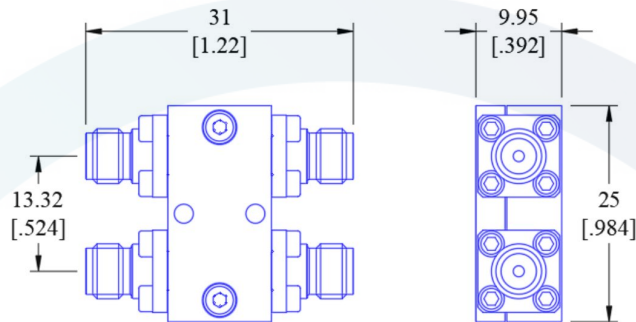
This product is manufactured by a company that is certified for the AS9100D quality management system.

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Dimensions

Unit: mm[inch]



Note

* Specifications are subject to change without notice.

Option

1. N/A

Revision History

Part Number	Release Date	Version	Description	Data Sheet Status
RWY0618-AG200	15 th Oct. 2021	0.1	1 st release	Preliminary

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