

H2SYPS-3-142W+



5-1450MHz

50Ω 3 Way-0° Power Divider

Features

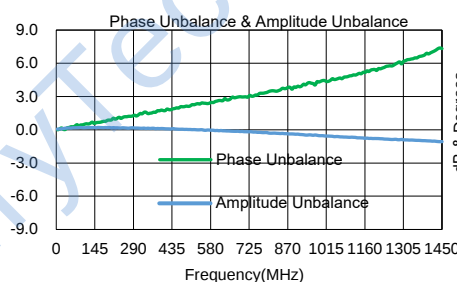
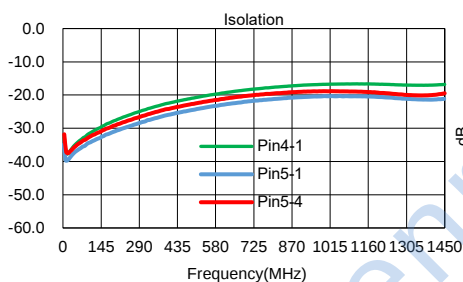
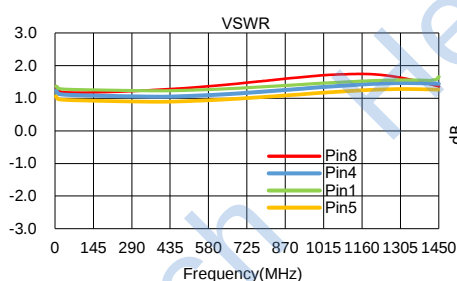
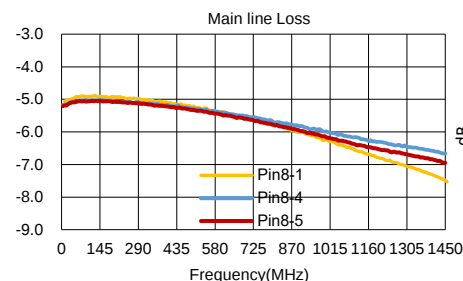
- RF Power, 1W Max
- Internal Dissipation, 0.15W Max
- Operating temperature range: -40 °C to +85 °C
- Storage temperature range: -55 °C to +100 °C
- 260°C Reflow Compatible
- RoHS compliant and lead free

Applications

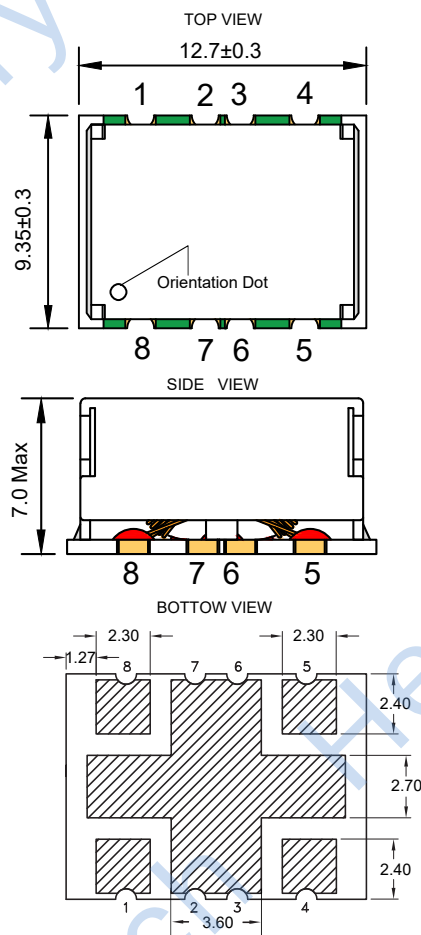
- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

Electrical Specifications: TA=25 °C, 0dBm, Z0=50Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Insertion Loss Above 4.8dB	5-1450MHz	dB	—	2.2	3.3
Isolation	5-1450MHz	dB	13.0	19.0	—
Phase Unbalance	5-1450MHz	dB	—	5.0	9.0
Amplitude Unbalance	5-1450MHz	dB	—	0.5	0.9
VSWR (Port S)	5-1450MHz	dB	—	1.65	1.80
VSWR (Port 1-3)	5-1450MHz	dB	—	1.20	1.35



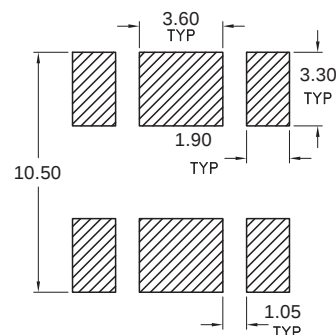
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

SUM PORT	8
PORT 1	1
PORT 2	4
PORT 3	5
GROUND	2,3,6,7

Tel: +86-28-85589664

E-mail: mr_li@henglitaitech.com

Web: www.hltchips.com

Address: No.198 Tianqin East Street, Gaoxin West District, Chengdu City