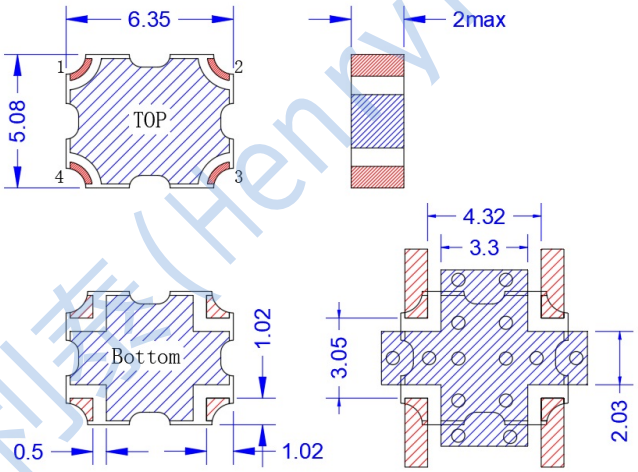
1000-2000Mhz 50Ω 90° Hybrid

HT-DQ90-1-2G

Mechanical Dimensions:

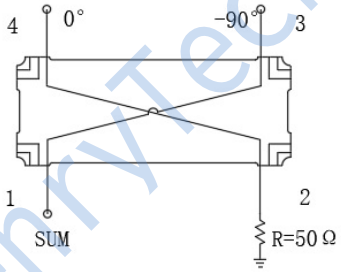


Tolerance: ±0.3mm

Ports Configuration:

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	-3dB<-90 DEG	-3dB<0 DEG
J2	ISOLATION	---	-3dB<0 DEG	-3dB<-90 DEG
J3	-3dB<-90 DEG	-3dB<0 DEG	---	ISOLATION
J4	-3dB<0 DEG	-3dB<-90 DEG	ISOLATION	---

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		100
DC Current		mA		500
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-DQ90-1-2G	2000 per reel

Tel: +86-28-85589664
E-mail: mr_li@henglitaitech.com
Web: www.hltchips.com
Room 1401, 14th Floor, Building 5, Huaxi Science and Technology Innovation Center, No. 50, Shuxi Road, Jinniu District, Chengdu City

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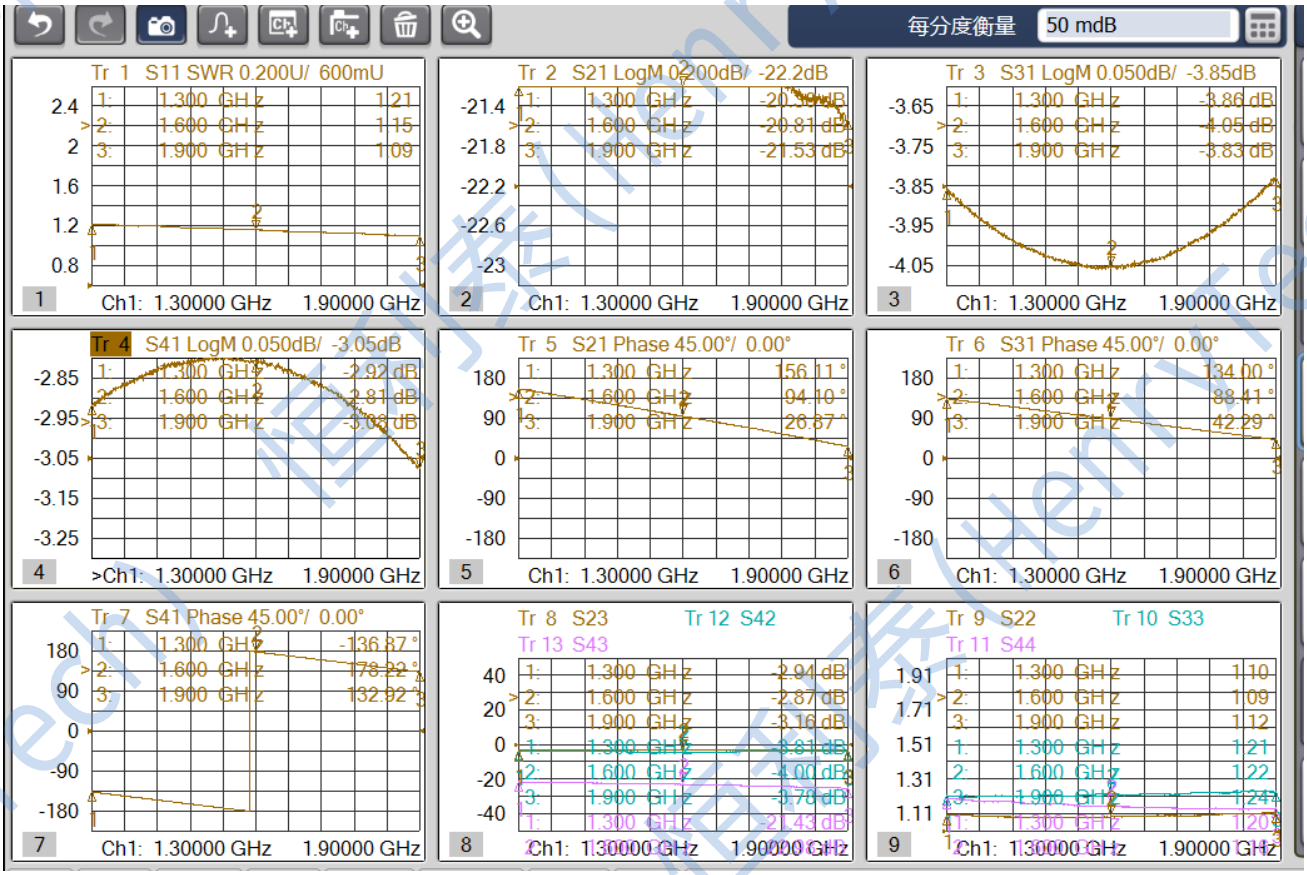
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	1000	~	2000
Impedance	-	Ohm	-	50	-
Insertion Loss	1000-2000 MHz	dB	-	-	0.3
VSWR	1000-2000 MHz	dB	-	-	1.3
Isolation	1000-2000 MHz	dB	-	23	-
Phase Unbalance	1000-2000 MHz	Degree	-	±5	-
Amplitude Unbalance	1000-2000 MHz	dB	-	±0.6	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:



Tel: +86-28-85589664
E-mail: mr_li@henglitaitech.com
Web: www.hltchips.com
Room 1401, 14th Floor, Building 5, Huaxi Science and Technology Innovation Center, No. 50, Shuxi Road, Jinniu District, Chengdu City