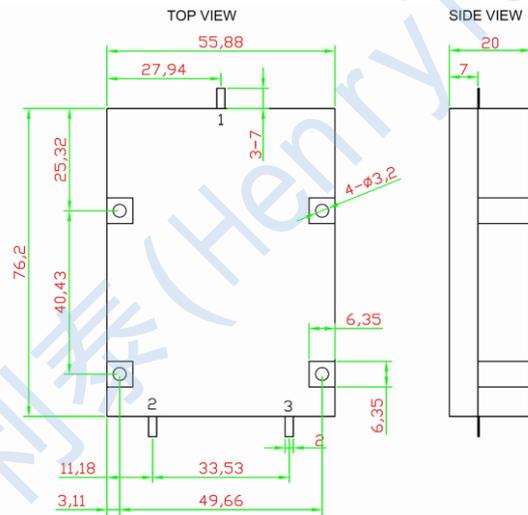




20-520Mhz 50Ω 90° Hybrid

HT-DQ90-20-520+

Mechanical Dimensions:



Notes:

- 1: Dimensions in mm.
- 2: Tolerance $\pm 0.3\text{mm}$ unless otherwise noted.

Ports Configuration:

SUM PORT (PORT S)		1
PORT 1	0°	3
PORT 2	-90°	2

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		200
DC Current		mA		500
Operating Temperature Range		Degree Cel	-55	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-DQ90-20-520+	5 per box



20-520MHz 50Ω 90° Hybrid

HT-DQ90-20-520+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	20	~	520
Insertion Loss	20-520MHz	dB	-	-	0.8
Amplitude Balance	20-520MHz	dB	-0.3	-	0.3
Phase Balance	20-520MHz	°	-10	-	10
Input VSWR	20-520MHz	-	-	-	1.3
Isolation	20-520MHz	dB	16	-	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

