

Features

- Low insertion loss, High isolation
- Perfect phase/amplitude balance
- Low VSWR
- 50 Ω impedance
- Hermetic TO-8H package
- Operating temperature range: -55°C ~ +85°C

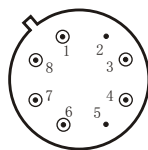
Specifications (measured in a 50 Ω system TA=-55°C ~ +85°C)

Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	$f_L \sim f_H$	MHz	5~500	5~500
Insertion loss	I.L	dB	1.2(Max)	0.7
Isolation	Iso	dB	23(Min) △	25
Phase Balance	△P	deg	3° (Max) △	1°
Amplitude Balance	△M	dB	0.6(Max)	0.3
VSWR	VSWR	----	1.5:1(Max)	1.3:1

“△” Measured at Tc=24±1°C

Absolute Maximum Ratings

Input power : 1W
Storage temp: +125°C



TO-8H

- | | |
|---------|----------|
| 1.N/C | 5.GND |
| 2.GND | 6.Output |
| 3.Input | 7.Output |
| 4.N/C | 8.Output |

Application Notes

- 1.Input/output pins should be connected to 50 Ω microstrip.
- 2.SP-1 package available
- 3.See assembly section for mounting information

Typical Performance

