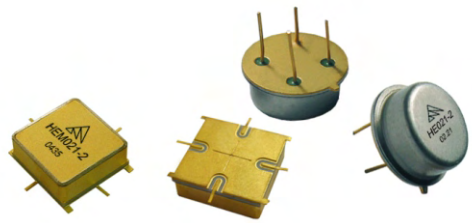
HE021-2/HEM021-2/HES021-2

2 way 0° power Combiner/Splitter



Features

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

Specifications(measured in a 50 Ω system T_A=-55℃～+85℃)

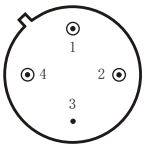
Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	f_L～f_H	MHz	10～750	10～800
Insertion loss	I.L	dB	1. 4(Max)	0. 9
Isolation	Iso	dB	20(Min) △	23
Phase Balance	△P	deg	4° (Max) △	2°
Amplitude Balance	△M	dB	0.7(Max)	0. 2
VSWR	VSWR	----	1.5:1(Max)	1.3:1

" △ " Measured at Tc=24±1℃

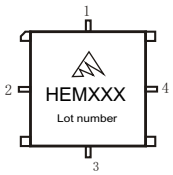
Absolute Maximum Ratings

Input power : 1W

Storage temp:+125℃



TO-8A



SMO-8C

1.Input
2.Output
3.GND
4.Output

Application Notes

1.Input/output pins should be connected to 50 Ω microstrip.
2.HE021-2:TO-8A Package.
HEM021-2：SMO-8 C package
3.SP-3 package available
4.See assembly section for mounting information

Typical Performance

