(1/2)

RF Components

Directional Couplers Shielded

HHM-22 Series

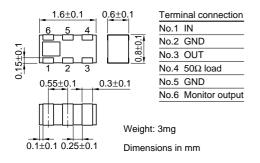
FEATURES

- Smallest-in-the-industry-class compact, thin, and lightweight chip coupler manufactured in ceramic sheet multilayering process (L1.6×W0.8×T0.6mm/3mg).
- Low loss and high isolation characteristics achieved in spite of smallest size.
- Provided with excellent environmental resistance and stable characteristics achieved under use of portable remote terminal in hostile environment.

APPLICATIONS

For 0.8 to 2GHz digital cellular and cordless phones

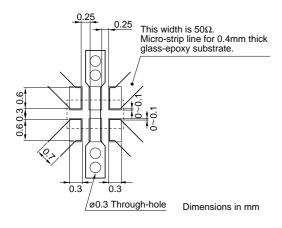
SHAPES AND DIMENSIONS/CIRCUIT DIAGRAM



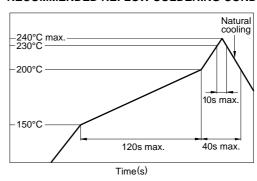




RECOMMENED PC BOARD PATTERN



RECOMMENDED REFLOW SOLDERING CONDITIONS



APPLICATIONS/TYPICAL ELECTRICAL CHARACTERISTICS

(Ta=25±5°C)

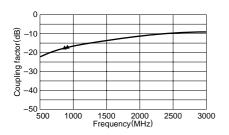
Part No.	Applications	Frequency fo(MHz)	Insertion loss (dB)max.	Coupling factor (dB)typ.	Isolation (dB)min.	VSWR max.
HHM2201	GSM	880 to 915	0.3	-14	25	1.3
HHM2206	GSM	880 to 915	0.21	-18	27	1.3
HHM2203	DCS	1710 to 1785	0.4	– 13	20	1.3
HHM2204	DCS	1710 to 1785	0.3	– 15	25	1.3

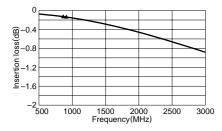
RF Components

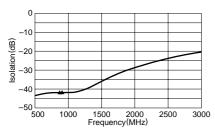
HHM-22 Series

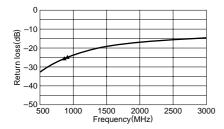
Directional Couplers Shielded

TYPICAL ELECTRICAL CHARACTERISTICS FREQUENCY CHARACTERISTICS GSM HHM2206









DCS HHM2204

