

RF Components

Directional Couplers

For Cellular Phone

HHM-21 Series

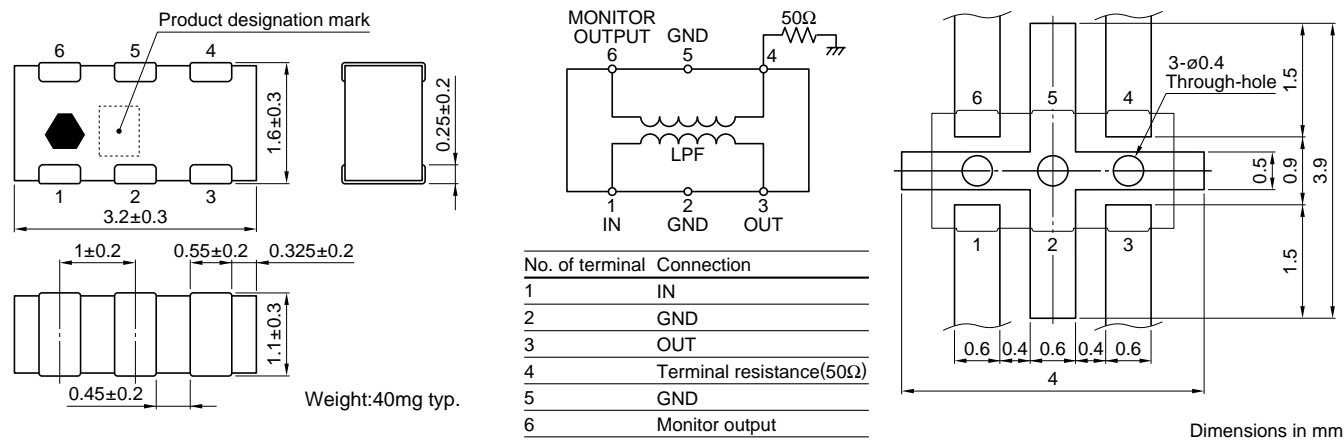
FEATURES

- Ultra-compact.
- Low insertion loss, high isolation.
- Shielded type.

SPECIFICATIONS

Temperature range	Operating	−20 to +60°C
	Storage	−40 to +85°C
Maximum handling power		3W

SHAPES AND DIMENSIONS/CIRCUIT DIAGRAM/RECOMMENDED PC BOARD PATTERN



ELECTRICAL CHARACTERISTICS

Part No.	HHM2101	HHM2106
Insertion loss (dB) max.	0.5[1710 to 1785MHz]	0.5[880 to 915MHz]
Attenuation (dB) typ.	30[3420 to 3570MHz]	30[1760 to 1830MHz]
Coupling factor (dB) typ.	−15±1[1710 to 1785MHz]	−17±1[880 to 915MHz]
Isolation (dB) min.	25[1710 to 1785MHz]	25[880 to 915MHz]

Ta=25±5°C



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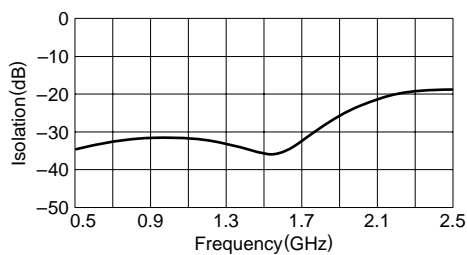
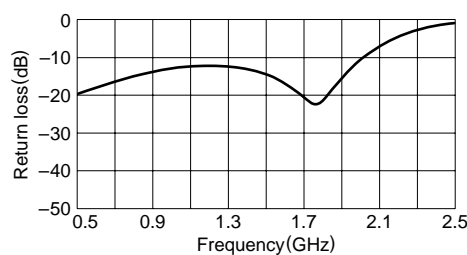
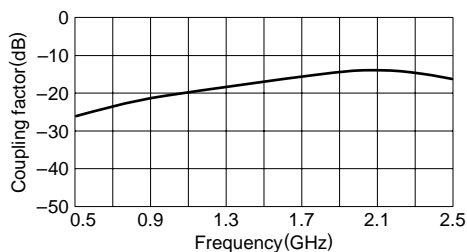
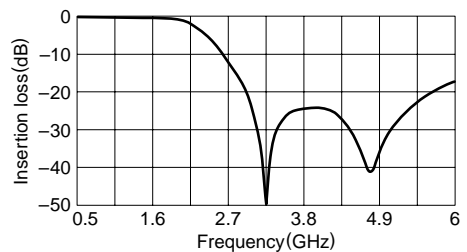
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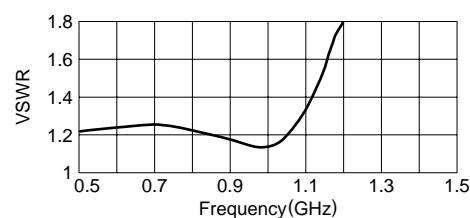
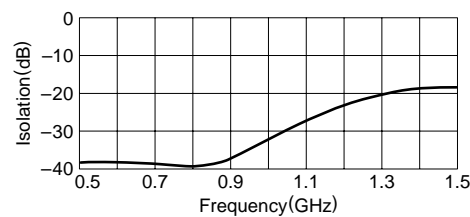
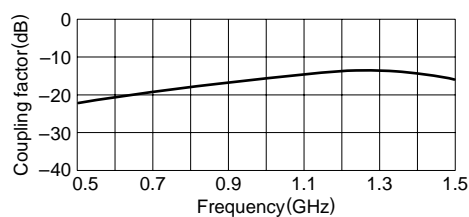
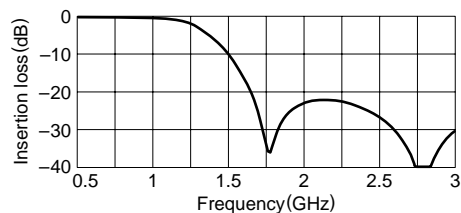
TYPICAL ELECTRICAL CHARACTERISTICS

FREQUENCY CHARACTERISTICS

HHM2101



HHM2106



RECOMMENDED REFLOW SOLDERING CONDITIONS

