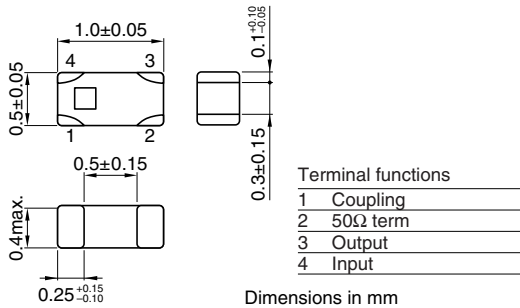


Multilayer Chip Directional Couplers For 2.4GHz W-LAN

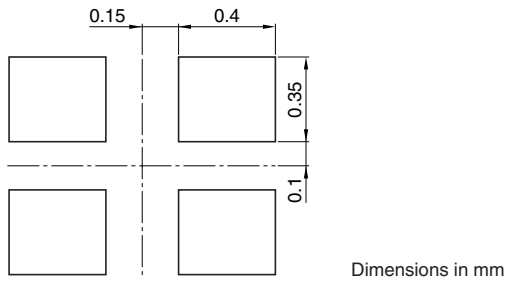
Conformity to RoHS Directive

HHM Series HHM2917B1

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

| | | |
|-------------------|-----------------|---------------|
| Frequency range | 2400 to 2500MHz | |
| Coupling factor | 10.8±1.0dB | |
| Insertion loss | | 0.72dB max.*1 |
| | | 0.75dB max.*2 |
| Isolation | 28dB min. | |
| VSWR | 1.5max. | |
| Temperature range | Operating | -40 to +85°C |
| | Storage | -40 to +85°C |

*1 25°C

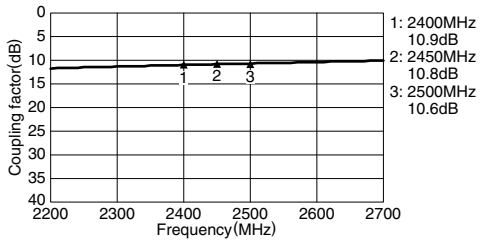
*2 Operating temperature

• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

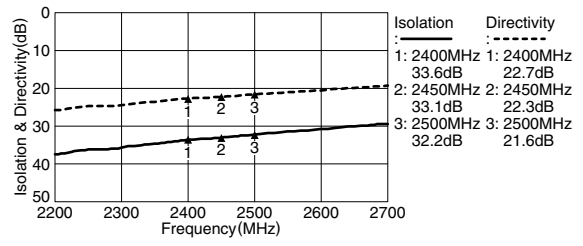
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

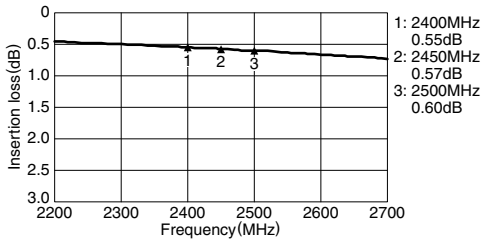
COUPLING



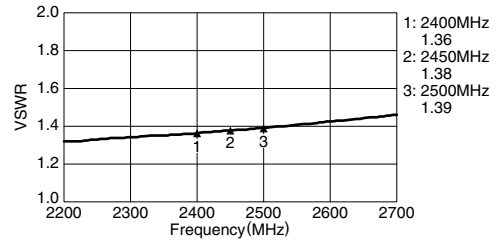
ISOLATION & DIRECTIVITY



INSERTION LOSS



VSWR



• All specifications are subject to change without notice.