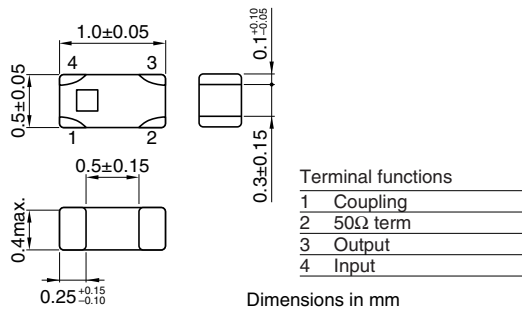


Multilayer Chip Directional Couplers For 2.4GHz W-LAN

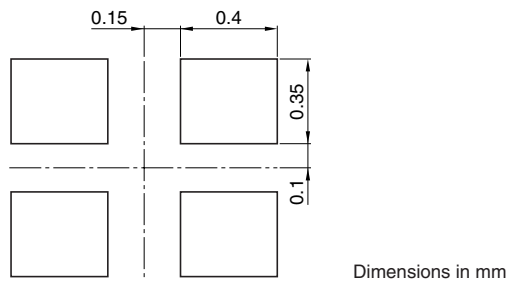
Conformity to RoHS Directive

HHM Series HHM2919A2

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Frequency range	2400 to 2500MHz
Coupling factor	18.2 ± 1.0 dB
Insertion loss	0.25 dB max.*1
Isolation	0.28 dB max.*2
VSWR	1.3 max.
Temperature range	Operating: -40 to $+85^\circ\text{C}$
	Storage: -40 to $+85^\circ\text{C}$

*1 25°C

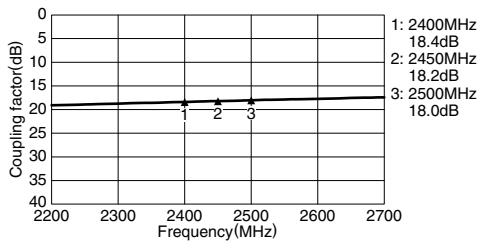
*2 Operating temperature

• 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.

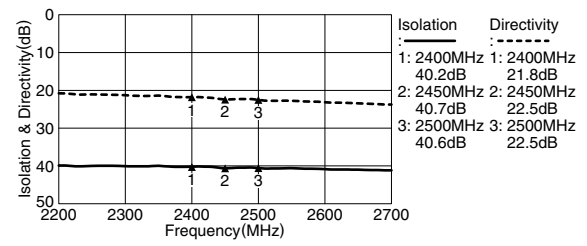
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

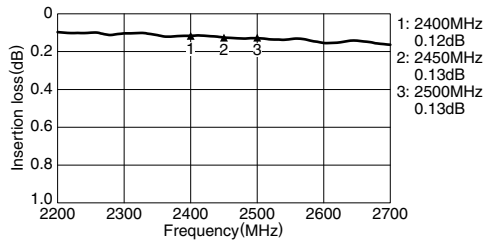
COUPLING



ISOLATION & DIRECTIVITY



INSERTION LOSS



VSWR

