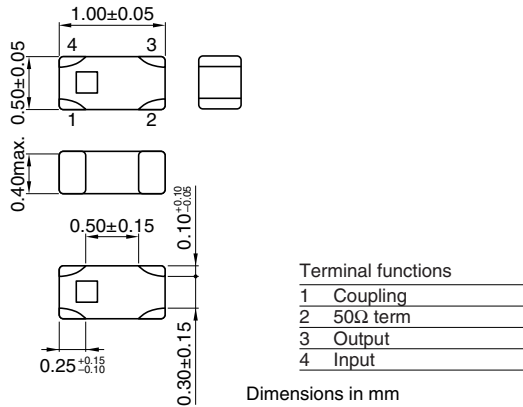


Multilayer Chip Directional Couplers For 2.4GHz/5GHz W-LAN

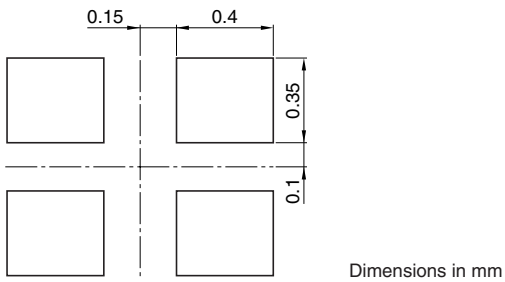
Conformity to RoHS Directive

HHM Series HHM2942A2

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Frequency range		2400 to 2500MHz	4900 to 5850MHz
Coupling factor		18.2±1.0dB	11.7±1.5dB
Insertion loss		0.25dB max.*1	0.45dB max.*1
		0.28dB max.*2	0.50dB max.*2
Isolation		15dB min.	15dB min.
VSWR		1.3max.	1.3max.
Temperature range	Operating	-40 to +85°C	-40 to +85°C
	Storage	-40 to +85°C	-40 to +85°C

*1 25°C

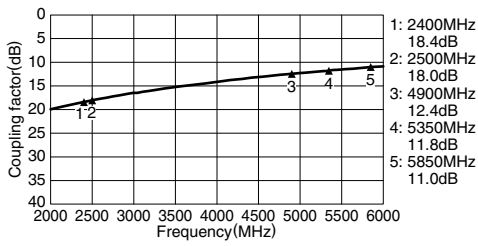
*2 Operating temperature

• 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.

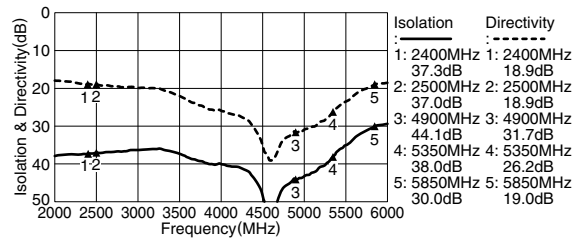
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

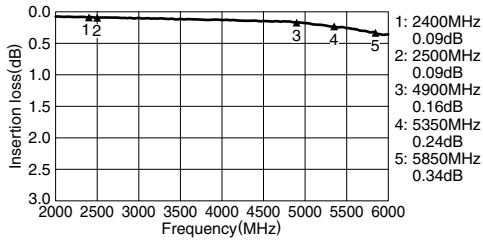
COUPLING



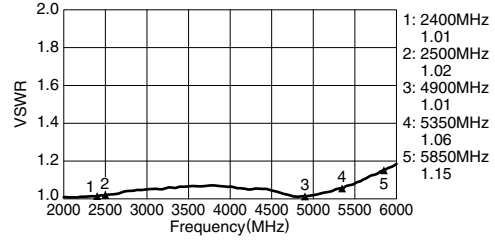
ISOLATION & DIRECTIVITY



INSERTION LOSS



VSWR



• All specifications are subject to change without notice.