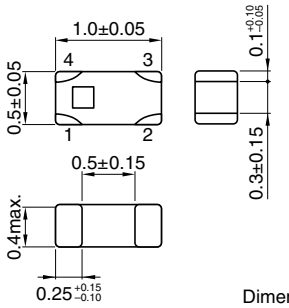
Multilayer Chip Directional Couplers For 2.4GHz W-LAN

Conformity to RoHS Directive

HHM Series HHM2914A1

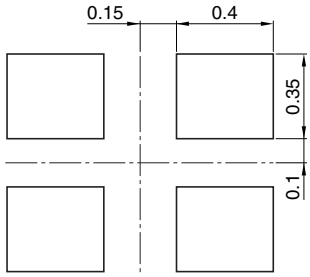
SHAPES AND DIMENSIONS



Terminal functions	
1	Coupling
2	50Ω term
3	Output
4	Input

Dimensions in mm

RECOMMENDED PC BOARD PATTERNS



Dimensions in mm

ELECTRICAL CHARACTERISTICS

Frequency range		2400 to 2500MHz
Coupling factor		21.2±1.0dB
Insertion loss		0.20dB max.*1
		0.25dB max.*2
Isolation		35dB min.
VSWR		1.3 max.
Temperature range	Operating	–40 to +85°C
	Storage	–40 to +85°C

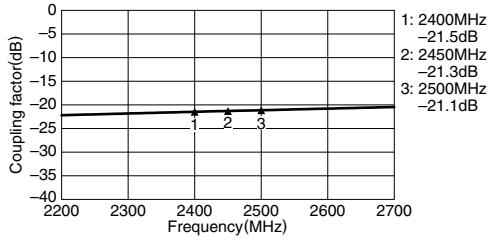
*1 25°C
*2 Operating temperature

- 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.

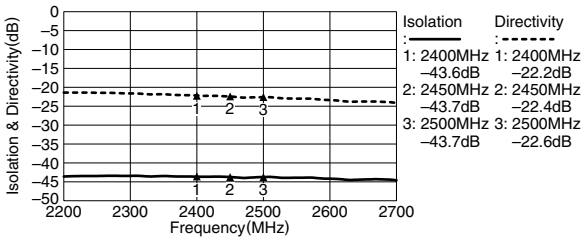
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

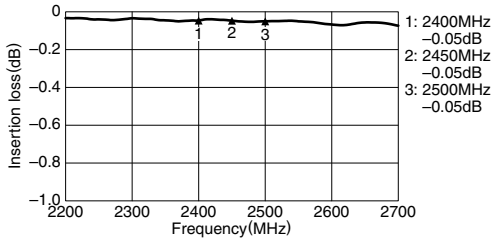
COUPLING



ISOLATION



INSERTION LOSS



VSWR

