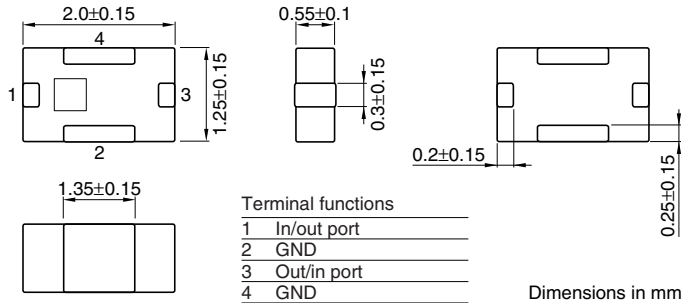


Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

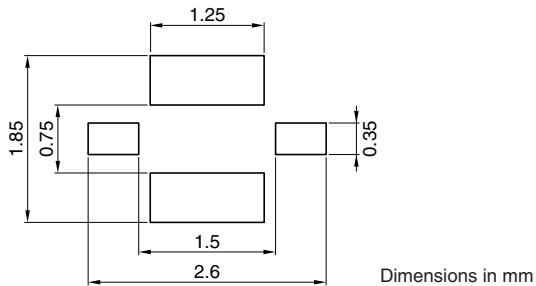
Conformity to RoHS Directive

DEA Series DEA202450BT-1261A2

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Insertion loss	[2400 to 2500MHz]	(dB)	—	—	2.8
Return loss	[2400 to 2500MHz]	(dB)	9.5	—	—
	[695 to 800MHz]	(dB)	25	—	—
	[1910MHz]	(dB)	25	—	—
	[3200MHz]	(dB)	35	—	—
	[4800 to 5000MHz]	(dB)	20	—	—
	[7200 to 7500MHz]	(dB)	20	—	—
Impedance of in/output port	[2400 to 2500MHz]	(Ω)	—	50	—
Temperature range	Operating	(°C)	−30	—	+80
	Storage	(°C)	−30	—	+80

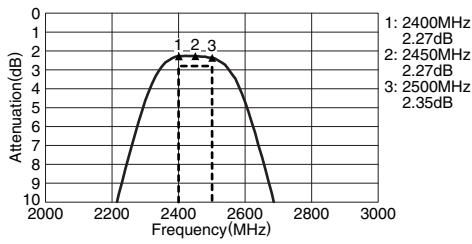
• Ta: +25°C

•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.

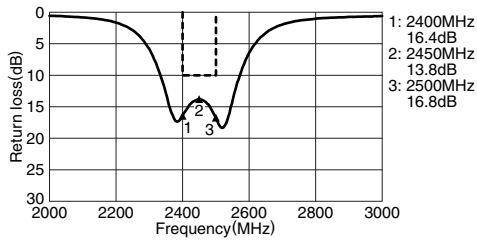
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

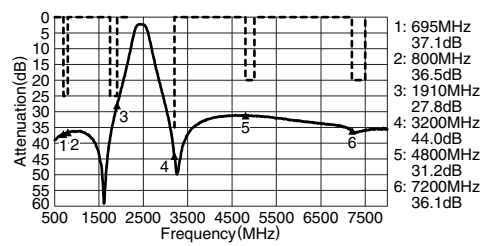
INSERTION LOSS



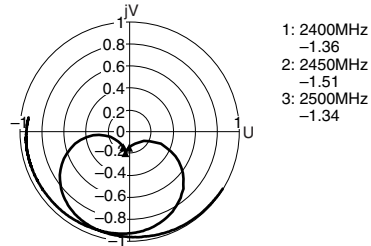
RETURN LOSS



ATTENUATION



VSWR



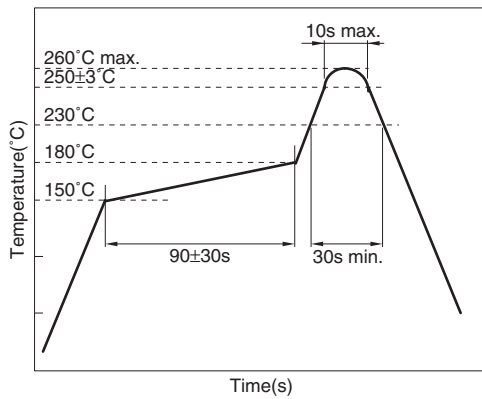
SOLDERING

- Please solder by IR reflow with the following profiles.
- Moreover, please use neither spot heater nor the soldering iron to.

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING

A. When using Pb free solder



B. When using Sn-Pb eutectic solder

