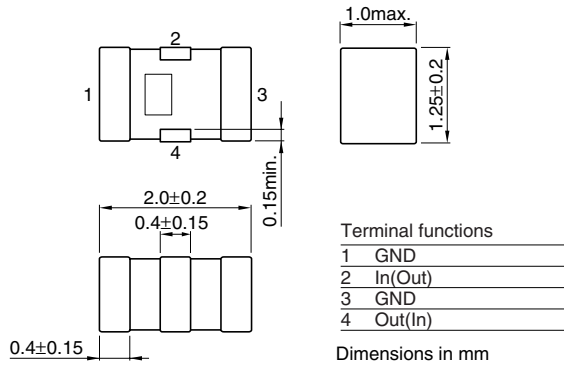


Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

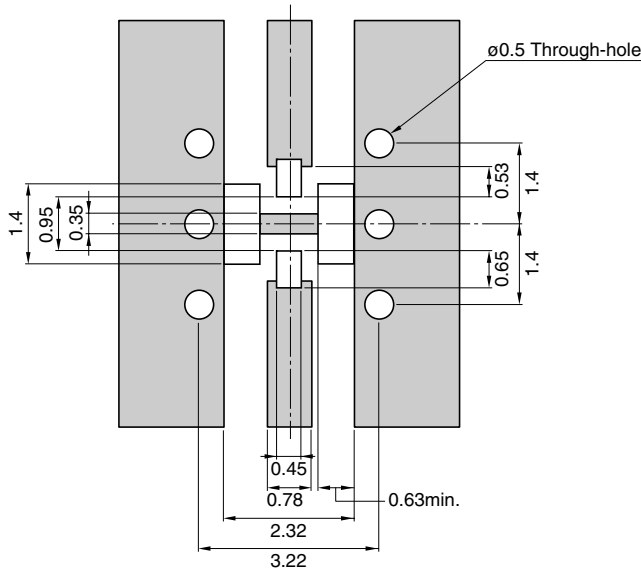
Conformity to RoHS Directive

DEA Series DEA202450BT-1195A1

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



Solder resist Land

Line width be designed to mach 50Ω
characteristic impedance depending
on PCB material and thickness

Dimensions in mm

ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Center frequency	[2450MHz]				
Insertion loss	[2400 to 2500MHz]	(dB)	—	—	2.3
Return loss	[2400 to 2500MHz]	(dB)	9	—	—
Attenuation	[880 to 915MHz]	(dB)	40	—	—
	[915 to 1250MHz]	(dB)	30	—	—
	[1710 to 1990MHz]	(dB)	23	—	—
	[1990 to 2100MHz]	(dB)	10	—	—
	[4800 to 5000MHz]	(dB)	25	—	—
	[7200 to 7500MHz]	(dB)	13	—	—
Temperature range	Operating	(°C)	−40	—	+85
	Storage	(°C)	−40	—	+85

• 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

