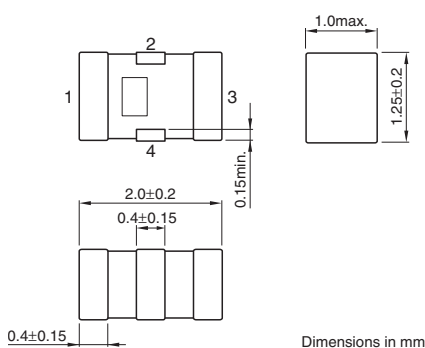


Multilayer Band Pass Filters, DEA Series

DEA202450BT-1195A1

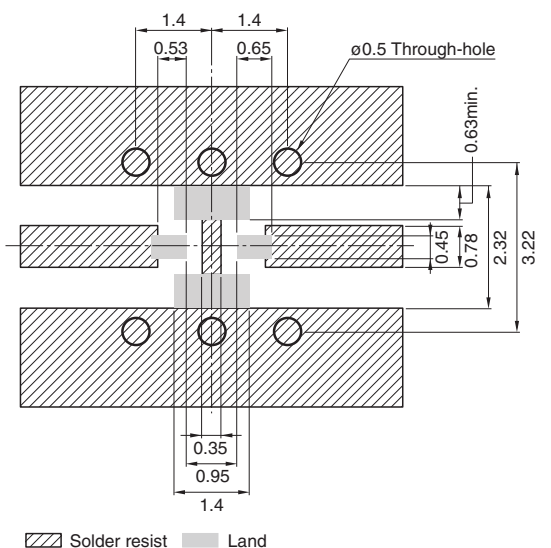
SHAPES AND DIMENSIONS



TERMINAL FUNCTIONS

1	GND
2	In(Out)
3	GND
4	Out(In)

RECOMMENDED PCB BOARD PATTERN



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

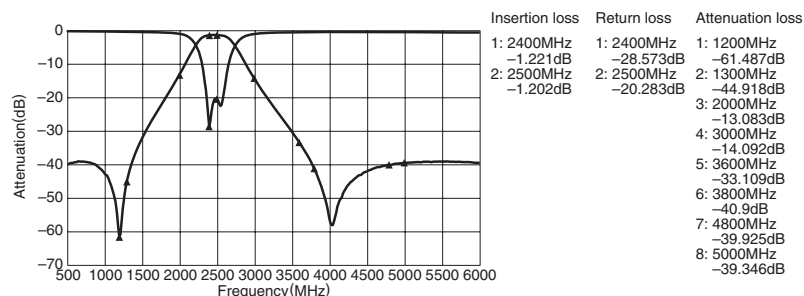
Dimensions in mm

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

FREQUENCY CHARACTERISTICS



• All specifications are subject to change without notice.