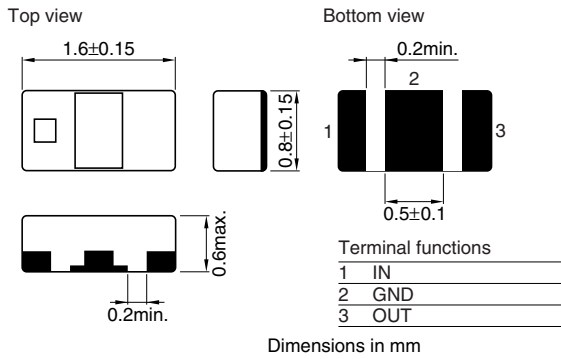


# Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

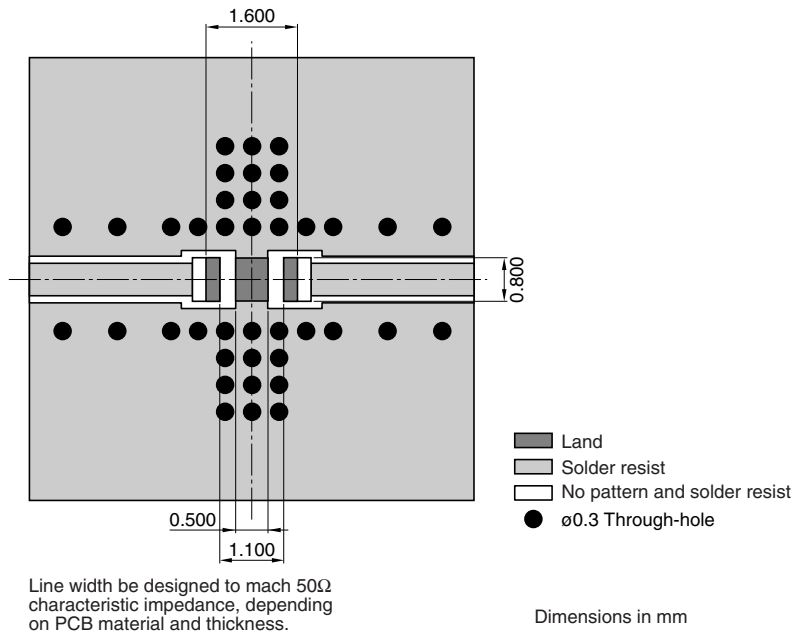
Conformity to RoHS Directive

DEA Series DEA162450BT-2092A1-H

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

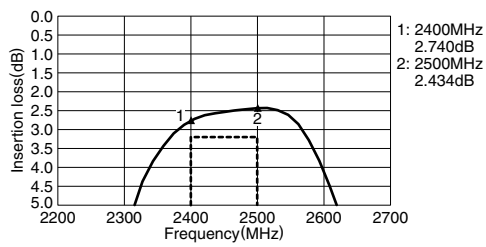
| Item                       |                   |                 |
|----------------------------|-------------------|-----------------|
| Frequency range(Pass band) |                   | 2400 to 2500MHz |
| Insertion loss             | [+25°C]           | 3.2dB max.      |
|                            | [-40 to +85°C]    | 3.5dB max.      |
| Return loss                | [2400 to 2500MHz] | 10dB min.       |
|                            | [880 to 915MHz]   | 40dB min.       |
| Attenuation                | [1710 to 1850MHz] | 40dB min.       |
|                            | [1850 to 1910MHz] | 40dB min.       |
|                            | [1920 to 1990MHz] | 40dB min.       |
|                            | [2110 to 2170MHz] | 35dB min.       |
|                            | [4800 to 5000MHz] | 30dB min.       |
|                            | [7200 to 7500MHz] | 30dB min.       |
| Temperature range          | Operating         | -40 to +85°C    |
|                            | Storage           | -40 to +85°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.

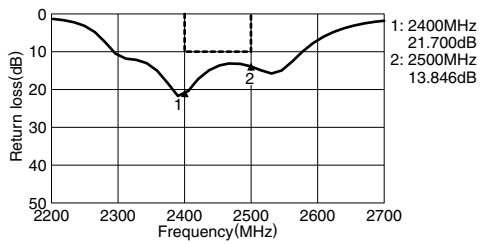
• All specifications are subject to change without notice.

## FREQUENCY CHARACTERISTICS

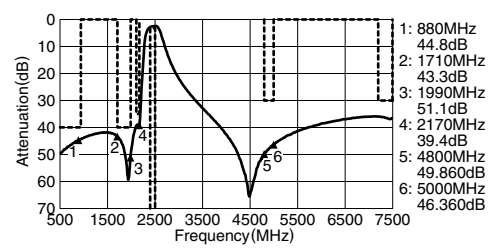
### INSERTION LOSS



### RETURN LOSS



### ATTENUATION



### VSWR

