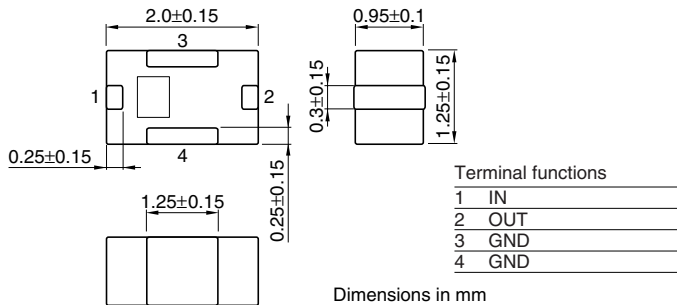


# Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

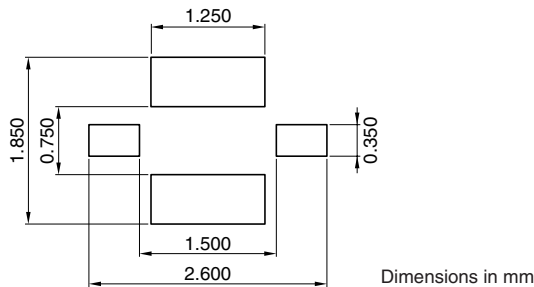
Conformity to RoHS Directive

DEA Series DEA203600BT-1240B2

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

| Item              |                   |      | Minimum value | Typical value | Maximum value |
|-------------------|-------------------|------|---------------|---------------|---------------|
| Insertion loss    | [3300 to 3900MHz] | (dB) | —             | 1.4           | 2.2           |
| Return loss       | [3300 to 3900MHz] | (dB) | 10            | 15            | —             |
| Attenuation       | [100 to 2600MHz]  | (dB) | 15            | 27            | —             |
|                   | [4400 to 6000MHz] | (dB) | 10            | 15            | —             |
|                   | [6000 to 9900MHz] | (dB) | 25            | 50            | —             |
| Temperature range | Operating         | (°C) | —40           | —             | +85           |
|                   | Storage           | (°C) | —40           | —             | +85           |

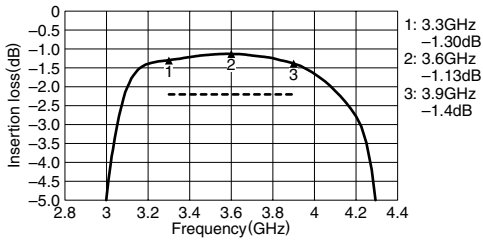
• Ta: +25°C

• 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.

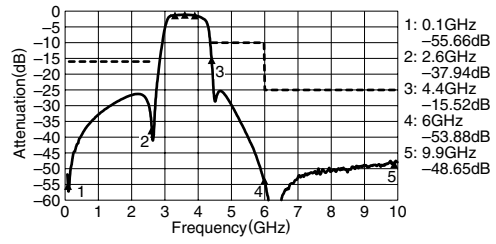
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

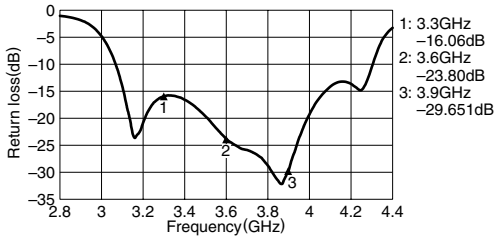
#### S21 INSERTION LOSS



#### S21 ATTENUATION



#### S11 RETURN LOSS



#### S11 VSWR

