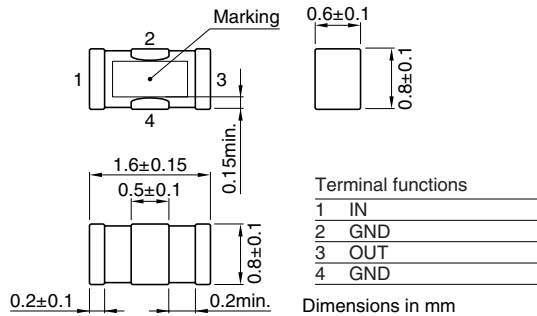


# Multilayer Chip High Pass Filters For Bluetooth & 2.4GHz W-LAN

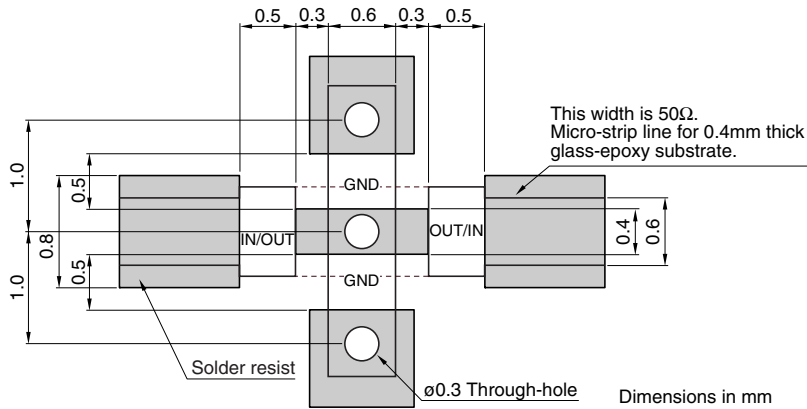
Conformity to RoHS Directive

DEA Series DEA162400HT-8004B1

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

| Item              |                   |      | Minimum value | Typical value | Maximum value |
|-------------------|-------------------|------|---------------|---------------|---------------|
| Insertion loss    | [2400 to 2500MHz] | (dB) | —             | —             | 1.4           |
| Return loss       | [2400 to 2500MHz] | (dB) | 10            | —             | —             |
| Attenuation       | [1845 to 1915MHz] | (dB) | 18            | —             | —             |
|                   | [1705 to 1790MHz] | (dB) | 18            | —             | —             |
|                   | [875 to 920MHz]   | (dB) | 25            | —             | —             |
| Temperature range | Operating         | (°C) | -40           | —             | +85           |
|                   | Storage           | (°C) | -40           | —             | +85           |

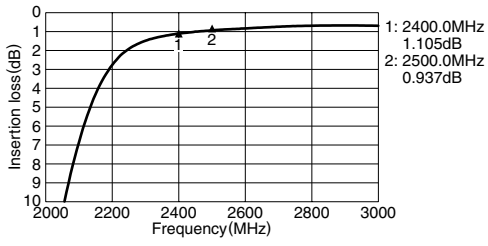
• Ta: +25°C

• 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.

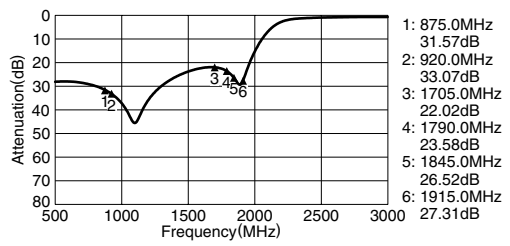
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

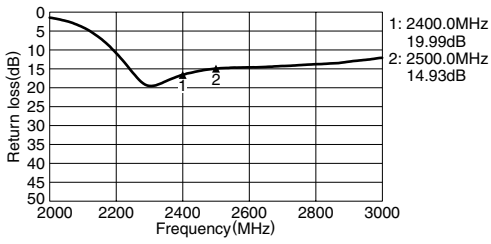
#### INSERTION LOSS



#### ATTENUATION



#### RETURN LOSS



#### VSWR

