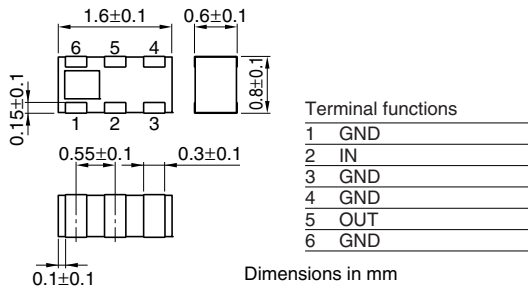


# Multilayer Chip Low Pass Filters For 2.4GHz W-LAN

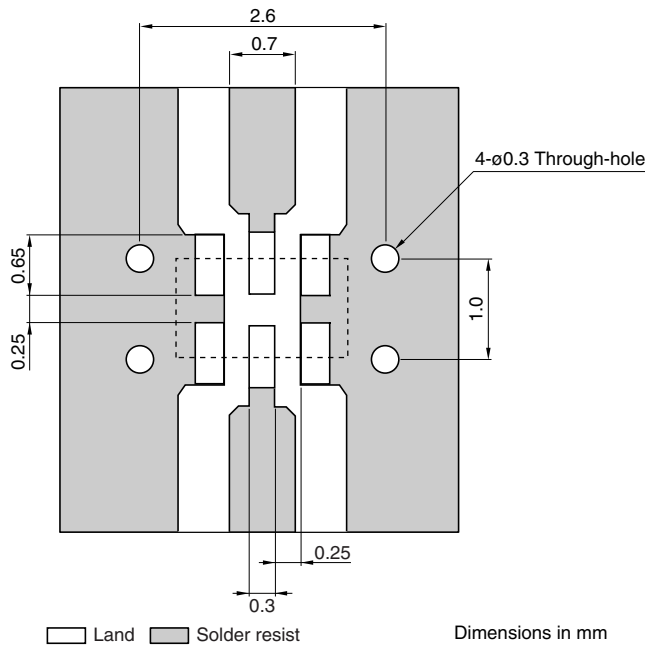
Conformity to RoHS Directive

DEA Series DEA162500LT-1212A1

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

| Item              |                   |      | Minimum value | Typical value | Maximum value |
|-------------------|-------------------|------|---------------|---------------|---------------|
| Insertion loss    | [2400 to 2500MHz] | (dB) | —             | —             | 0.42          |
| Return loss       | [2400 to 2500MHz] | (dB) | 14            | —             | —             |
| Attenuation       | [4800 to 5000MHz] | (dB) | 25            | —             | —             |
|                   | [7200 to 7500MHz] | (dB) | 18            | —             | —             |
| Temperature range | Operating         | (°C) | −40           | —             | +85           |
|                   | Storage           | (°C) | −40           | —             | +85           |

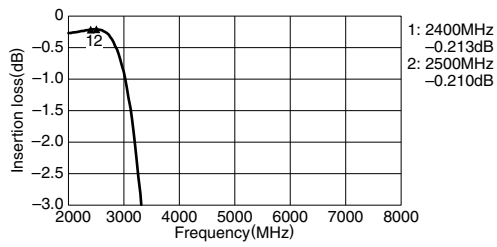
• Ta: +25±5°C

• 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.

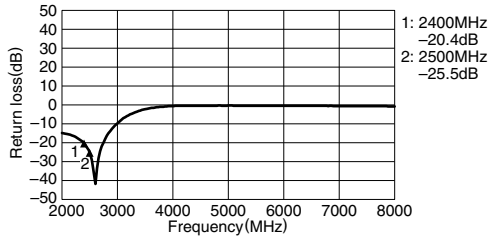
• All specifications are subject to change without notice.

## FREQUENCY CHARACTERISTICS

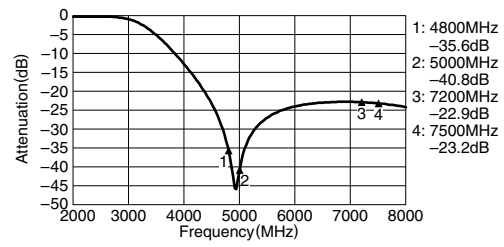
### INSERTION LOSS



### RETURN LOSS



### ATTENUATION



### VSWR

