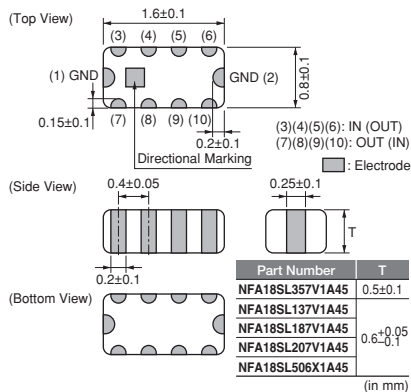


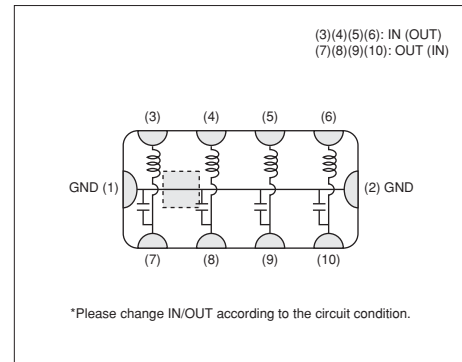
EMIFIL® (LC Combined) Array

NFA18SL_X Series (0603 Size)

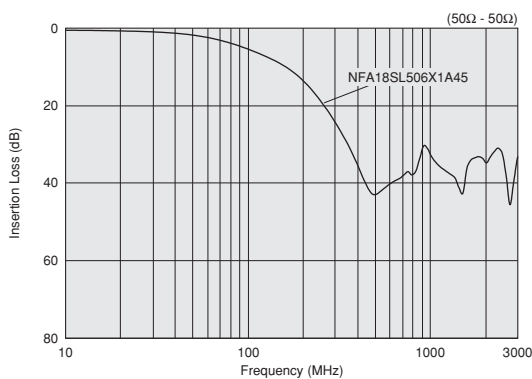
■ Dimensions



■ Equivalent Circuit



■ Insertion Loss Characteristics (Main Items)



■ Packaging

| Code | Packaging | Minimum Quantity |
|------|---------------------|------------------|
| L | 180mm Embossed Tape | 4000 |
| B | Bulk(Bag) | 1000 |

■ Rated Value (□: packaging code)

| Part Number | Nominal Cut-off Frequency | Insertion Loss (Cut-off Frequency) | Insertion Loss (500MHz) (min.) | Insertion Loss (1000MHz) (min.) | Rated Current | Rated Voltage | Insulation Resistance (min.) | Withstand Voltage |
|------------------|---------------------------|------------------------------------|--------------------------------|---------------------------------|---------------|---------------|------------------------------|-------------------|
| NFA18SL506X1A45□ | 50MHz | 6dB max. | 30dB | 25dB | 25mA | 10Vdc | 1000M ohm | 30Vdc |

Operating Temperature Range: -40 to +85°C Number of Circuits: 4

■ ⚠ Caution/Notice

⚠ Caution (Rating)

Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

● This data sheet is applied for LC Combined CHIP EMIFIL® used for General Electronics equipment for your design.

⚠ Note:

- This datasheet is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.