

3-terminal Filters(SMD Array) For General Signal Line

Conformity to RoHS Directive

MEA Series MEA2010L Type

FEATURES

- This array type MEA2010L consists of 4-line SMD filters in one chip.
- Due to small low-profile size(L2.0×W1.0×T0.7mm), it is possible to correspond to the set of the compact size and high-density mounting.
- This type corresponds to a lead-free soldering method.

APPLICATIONS

Noise suppression for PCs, LCD panels, printers, game machines, cellular phones, DVCs, etc.

TEMPERATURE RANGES

Operating/Storage -40 to +85°C

PRODUCT IDENTIFICATION

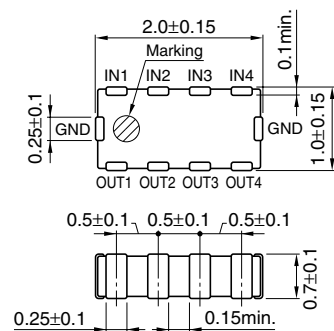
| MEA | 2010 | L | 201R | T |
|-----|------|-----|------|-----|
| (1) | (2) | (3) | (4) | (5) |

- (1)Series name (4)Cutoff frequency (MHz)
 (2)Dimensions L×W 201R:fc=200MHz
 (3)L type circuit (5)Packaging style T:Taping

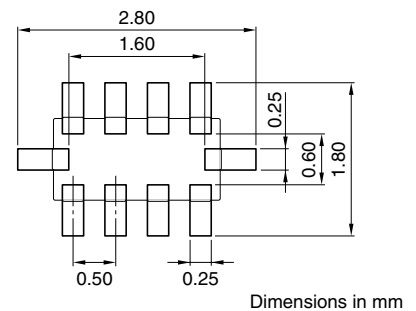
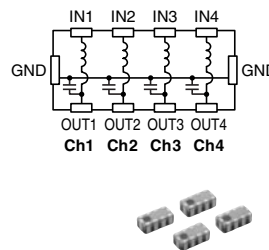
PACKAGING STYLE AND QUANTITIES

| Packaging style | Quantity |
|-----------------|------------------|
| Taping | 4000 pieces/reel |

SHAPES AND DIMENSIONS/CIRCUIT DIAGRAM/RECOMMENDED PC BOARD PATTERN



Weight: 8mg
Dimensions in mm

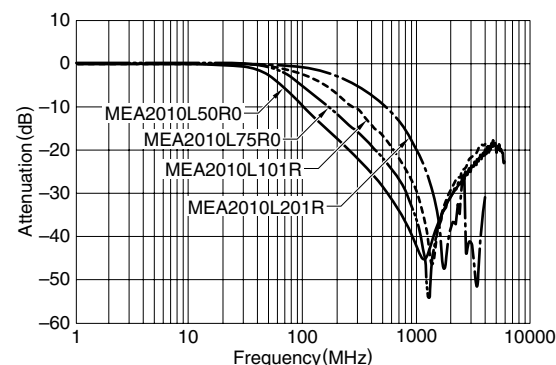


ELECTRICAL CHARACTERISTICS

| Part No. | Cutoff frequency (MHz)typ. | Attenuation 20dB frequency range (MHz) | Rated voltage (V)max. | Rated current (mA)max. |
|--------------|----------------------------|--|-----------------------|------------------------|
| MEA2010L50R0 | 50 | 500 to 2000 | 10 | 100 |
| MEA2010L75R0 | 75 | 600 to 2000 | 10 | 100 |
| MEA2010L101R | 100 | 800 to 2000 | 10 | 100 |
| MEA2010L201R | 200 | 1500 to 3000 | 10 | 100 |

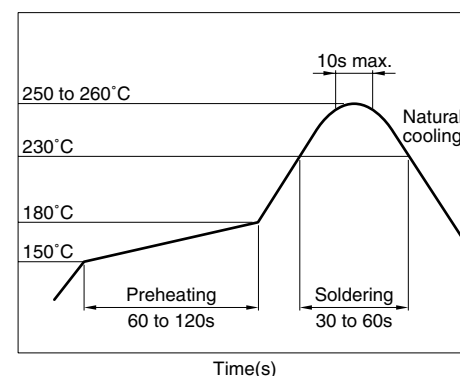
TYPICAL ELECTRICAL CHARACTERISTICS

ATTENUATION vs. FREQUENCY CHARACTERISTICS



RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



- 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.

- Please contact our Sales office when your application are considered the following:
The device's failure or malfunction may directly endanger human life (e.g. application for automobile/aircraft/medical/nuclear power devices, etc.)

- All specifications are subject to change without notice.