

## 3-terminal Filters(Multilayer Chip Array)

For differential signal line

### MEA series

Type: Cellular Band Compatible (2 lines)  
MEA1210LD [0504 inch]\*  
\* Dimensions Code JIS[EIA]

Issue date: February 2011

- All specifications are subject to change without notice.
- 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.

# 3-terminal Filters(SMD Array) For Differential Signal Line

Conformity to RoHS Directive

## MEA Series MEA1210LD Type

### FEATURES

- LC filter forming differential lines (D+, D-) offers support for high-density mounting.
- 0.5mm low profile.
- This filter reduces radiation noise generated by differential signal (LVDS, MIPI, MDDI) lines.
- It is effective as a sensitivity suppression technique for mobile phones.

### PRODUCT IDENTIFICATION

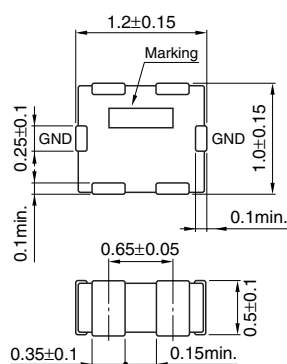
MEA	1210	L	D220	T
(1)	(2)	(3)	(4)	(5)

- |                   |                             |
|-------------------|-----------------------------|
| (1)Series name    | (4)Capacitance (pF)         |
| (2)Dimensions L×W | D220: 22pF                  |
| (3)L type circuit | (5)Packaging style T:Taping |

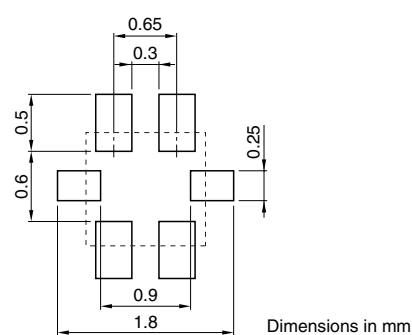
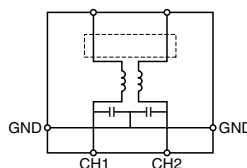
### PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	4000 pieces/reel

### SHAPES AND DIMENSIONS/CIRCUIT DIAGRAM/RECOMMENDED PC BOARD PATTERN (REFLOW)



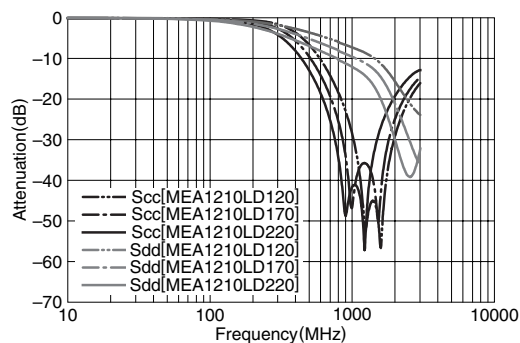
Weight: 3.5mg  
Dimensions in mm



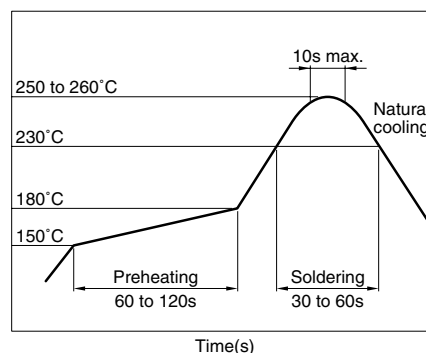
### ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (V)max.	Rated current (mA)max.	Capacitance (pF)
MEA1210LD120	6.3	100	12
MEA1210LD170	6.3	100	17
MEA1210LD220	6.3	100	22

### 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.)

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