

# 3-terminal Filters(SMD Array) For Terrestrial Digital Broadcast

Conformity to RoHS Directive

## MEA Series MEA2010PE Type

### FEATURES

- 4-line LC filter are built in a one chip for high-density circuit design.
- 0.7mm low profile.
- For improvement of the mobile phone's frame(bit) error rate.
- This product is suitable for the LCD signal lines in mobile phone.

### APPLICATIONS

LCD for terrestrial digital broadcast and camera signal lines in mobile phone.

### TEMPERATURE RANGES

Operating	-40 to +85°C
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### PRODUCT IDENTIFICATION

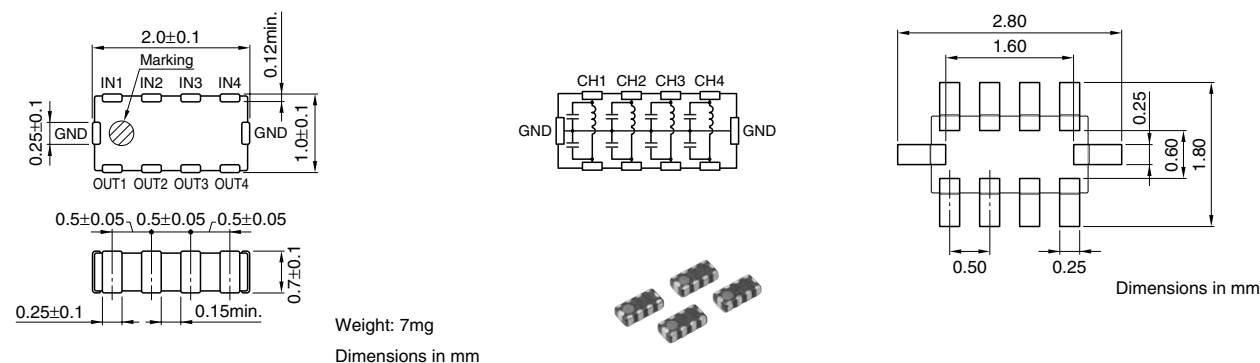
MEA	2010	P	E220	T
(1)	(2)	(3)	(4)	(5)

- |                        |                             |
|------------------------|-----------------------------|
| (1)Series name         | (4)Capacitance (pF)         |
| (2)Dimensions L×W      | E220: 22pF                  |
| (3) $\pi$ 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)

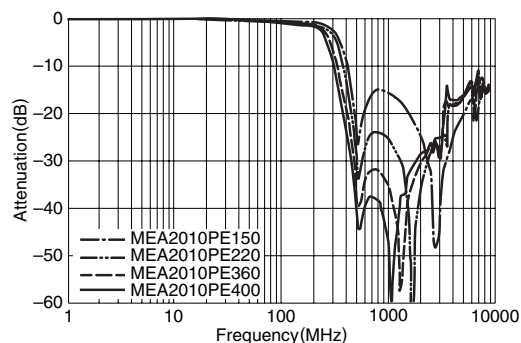


### ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (V)max.	Rated current (mA)max.	Capacitance (pF)	Attenuation(dB)typ. [470MHz to 2GHz]
MEA2010PE150	6.3	100	15	10
MEA2010PE220	6.3	100	22	20
MEA2010PE300	6.3	100	36	20
MEA2010PE400	6.3	100	40	20

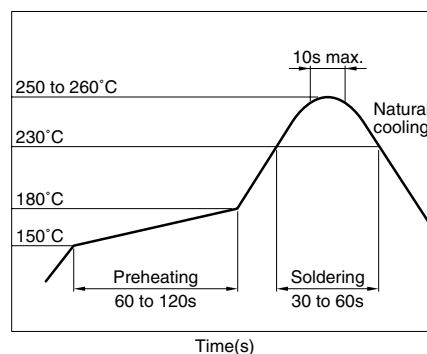
### TYPICAL ELECTRICAL CHARACTERISTICS

#### 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.