

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

PRODUCT IDENTIFICATION

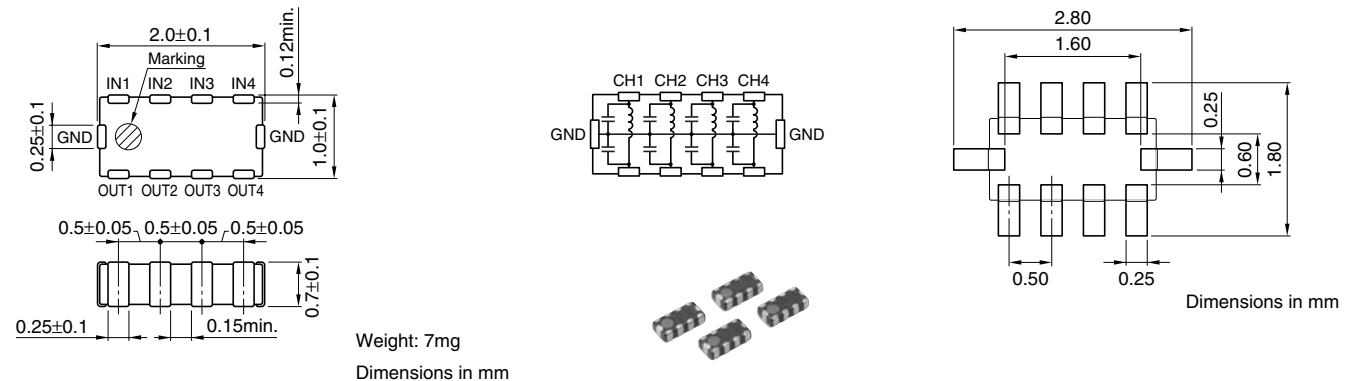
MEA	2010	P	E220	T
(1)	(2)	(3)	(4)	(5)

- (1)Series name (4)Capacitance (pF)
 (2)Dimensions L×W E220: 22pF
 (3)π 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)

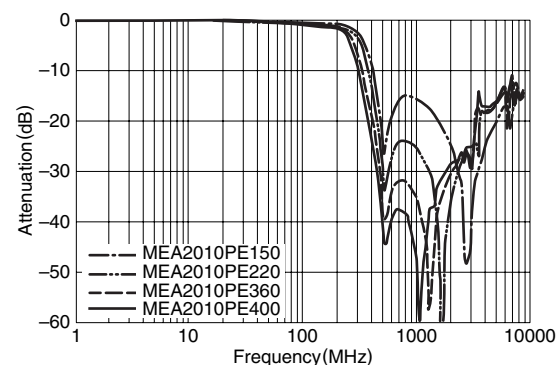


ELECTRICAL CHARACTERISTICS

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

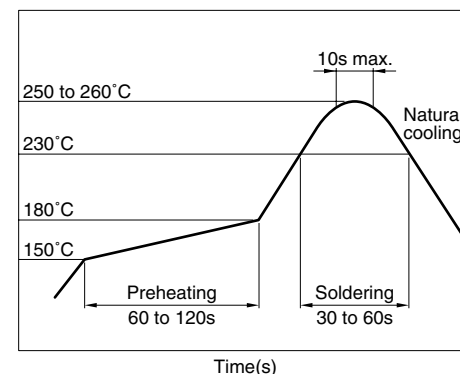
TYPICAL ELECTRICAL CHARACTERISTICS

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.