

# 3-terminal Filters(SMD Array) Supports Digital Broadcasting Signals and Foreign DVB-H

Conformity to RoHS Directive

## MEA Series MEA1608PE Type

### FEATURES

- 4-line LC filter are built in one chip for high-density circuit design.
- 0.5mm low profile.
- It is effective as a sensitivity suppression technique for mobile phones.
- This product is suitable for the LCD signal lines in mobile phone.

### APPLICATIONS

For LCD and camera signal lines in mobile phone.

### TEMPERATURE RANGES

Operating -40 to +85°C

### PRODUCT IDENTIFICATION

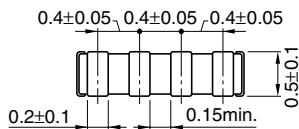
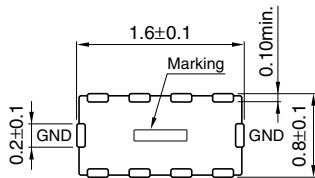
MEA	1608	P	E220	T
(1)	(2)	(3)	(4)	(5)

- |                        |                               |
|------------------------|-------------------------------|
| (1) Series name        | (4) Capacitance (pF)          |
| (2) Dimensions L×W     | E220: 22pF                    |
| (3) $\pi$ type circuit | (5) Packaging style T: Taping |

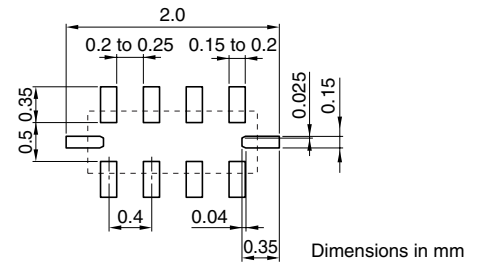
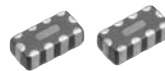
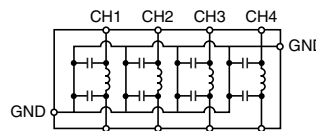
### PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	4000 pieces/reel

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



Weight: 3.5mg  
Dimensions in mm



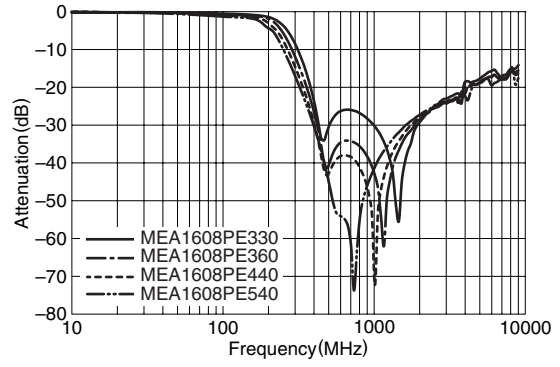
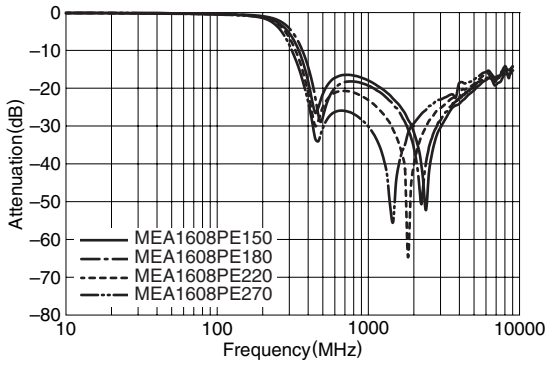
### ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (V) max.	Rated current (mA) max.	Capacitance (pF)	Cutoff frequency (MHz)
MEA1608PE150	6.3	100	15	200
MEA1608PE180	6.3	100	18	200
MEA1608PE220	6.3	100	22	200
MEA1608PE270	6.3	100	27	200
MEA1608PE330	6.3	100	33	200
MEA1608PE360	6.3	100	36	200
MEA1608PE440	6.3	100	44	150
MEA1608PE540	6.3	100	54	150

- 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.

### TYPICAL ELECTRICAL CHARACTERISTICS ATTENUATION vs. FREQUENCY CHARACTERISTICS



### RECOMMENDED SOLDERING CONDITION REFLOW SOLDERING

