

3-terminal Filters(Multilayer Chip Array)

For differential signal line

MEA series

Type: Cellular Band Compatible (4 lines)

MEA1608LD 1608[0603 inch]*

MEA2010LD 2010[0804 inch]

UHF Band Terrestrial Digital Broadcast / DVB-H Band Compatible (4 lines)

MEA1608LE 1608[0603 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 MEA1608LD 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.

APPLICATIONS

For LCD and camera signal lines in mobile phone.

TEMPERATURE RANGES

Operating	-40 to +85°C
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PRODUCT IDENTIFICATION

MEA	1608	L	D220	T
(1)	(2)	(3)	(4)	(5)

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

PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	4000 pieces/reel

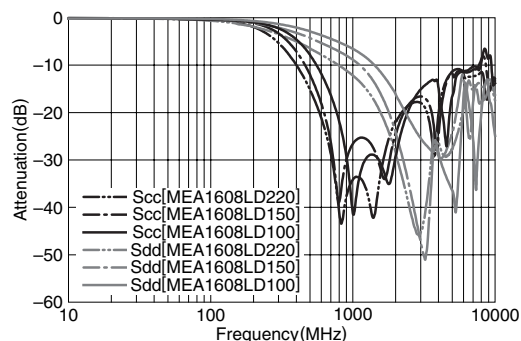
SHAPES AND DIMENSIONS/CIRCUIT DIAGRAM/RECOMMENDED PC BOARD PATTERN (REFLOW)

Weight: 3.5mg
Dimensions in mm

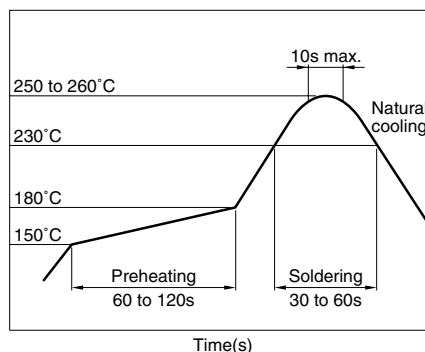
ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (V)max.	Rated current (mA)max.	Capacitance (pF)
MEA1608LD100	6.3	50	10
MEA1608LD150	6.3	50	15
MEA1608LD220	6.3	50	22

TYPICAL ELECTRICAL CHARACTERISTICS ATTENUATION vs. FREQUENCY CHARACTERISTICS



RECOMMENDED SOLDERING CONDITION REFLOW SOLDERING



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

Conformity to RoHS Directive

MEA Series MEA2010LD 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.

APPLICATIONS

For LCD and camera signal lines in mobile phone.

TEMPERATURE RANGES

Operating	-40 to +85°C
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PRODUCT IDENTIFICATION

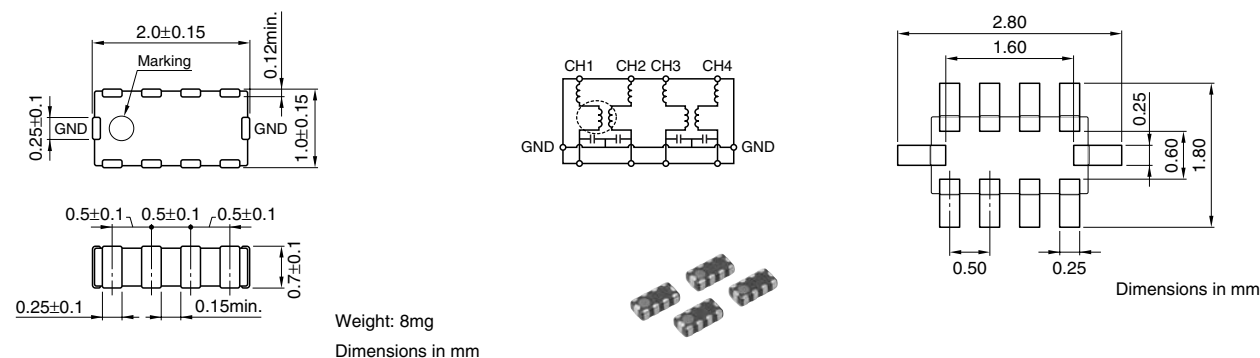
MEA	2010	L	D220	T
(1)	(2)	(3)	(4)	(5)

- | | |
|-------------------|-----------------------------|
| (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

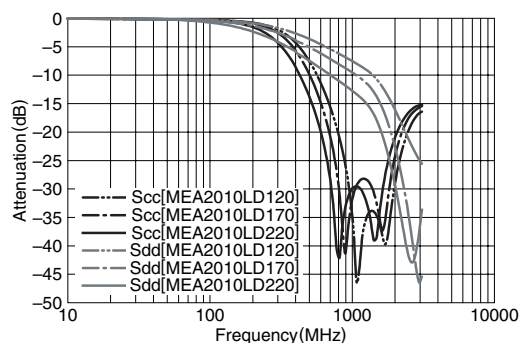


ELECTRICAL CHARACTERISTICS

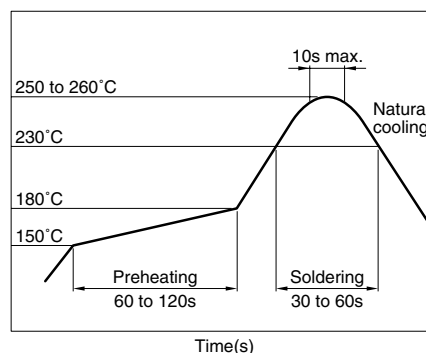
Part No.	Rated voltage (V)max.	Rated current (mA)max.	Capacitance (pF)
MEA2010LD120	6.3	100	12
MEA2010LD170	6.3	100	17
MEA2010LD220	6.3	100	22

TYPICAL ELECTRICAL CHARACTERISTICS

ATTENUATION vs. FREQUENCY CHARACTERISTICS



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3-terminal Filters(SMD Array) For Differential Signal Line Supports Digital Broadcasting Signals and Foreign DVB-H

Conformity to RoHS Directive

MEA Series MEA1608LE Type

FEATURES

- LC filter forming two circuits with 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 digital terrestrial broadcasting (UHF band).

APPLICATIONS

For LCD and camera signal lines in mobile phone.

TEMPERATURE RANGES

Operating	-40 to +85°C
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PRODUCT IDENTIFICATION

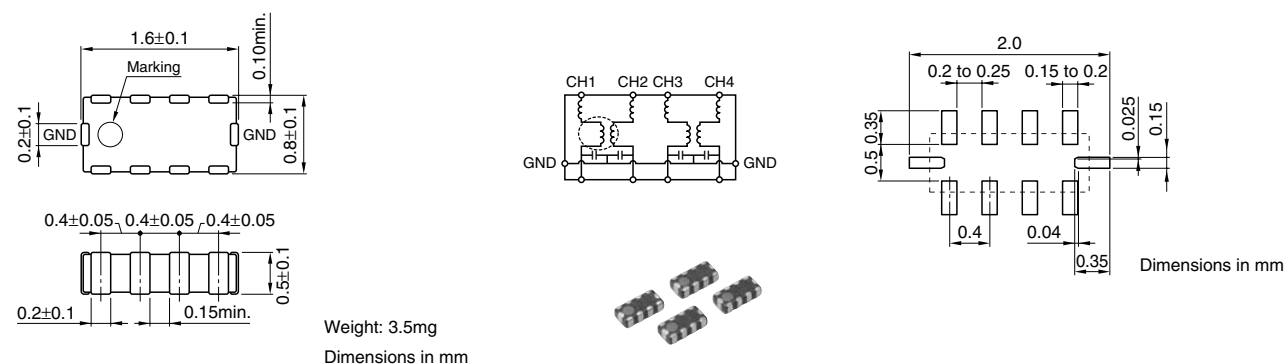
MEA	1608	L	E220	T
(1)	(2)	(3)	(4)	(5)

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



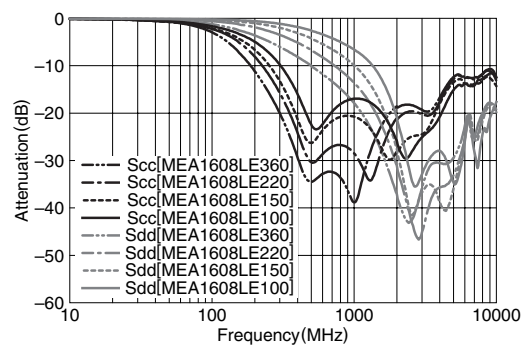
ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (V)max.	Rated current (mA)max.	Capacitance (pF)
MEA1608LE100	6.3	50	10
MEA1608LE150	6.3	50	15
MEA1608LE220	6.3	50	22
MEA1608LE360	6.3	50	36

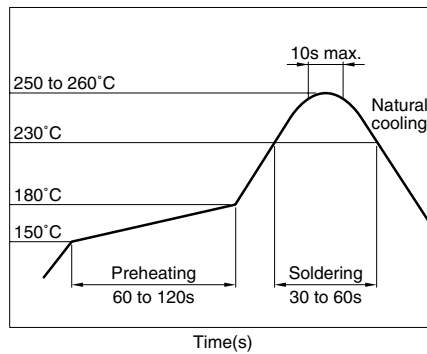
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