

阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .

3-terminal Filters(SMD) For Signal Line

Conformity to RoHS Directive

MEM Series MEM2012D Type

This chip type EMC filter eliminates the noise component from a communication line. This noise component can be eliminated by inserting this products in series with the communication line. In comparison to earlier multilayer chip EMC filters, signal waveform distortion is low after the signal has passed through the filter. Therefore this filter can be used for high speed pulse signal circuits and wide band analog RGB circuits.

FEATURES

- Small size (L2×W1.25×T0.85mm).
- Steep attenuation characteristic.
- Low distortion of signal after passing through filter.
- SMD product that can use taped packaging for automatic mounting.
- Capable of reflow soldering.

TEMPERATURE RANGES

Operating/Storage	-40 to +85°C
-------------------	--------------

APPLICATIONS

Single line noise elimination for PCs, CRTs, LC display panels, printers, game machines, DVD equipment, etc.

PRODUCT IDENTIFICATION

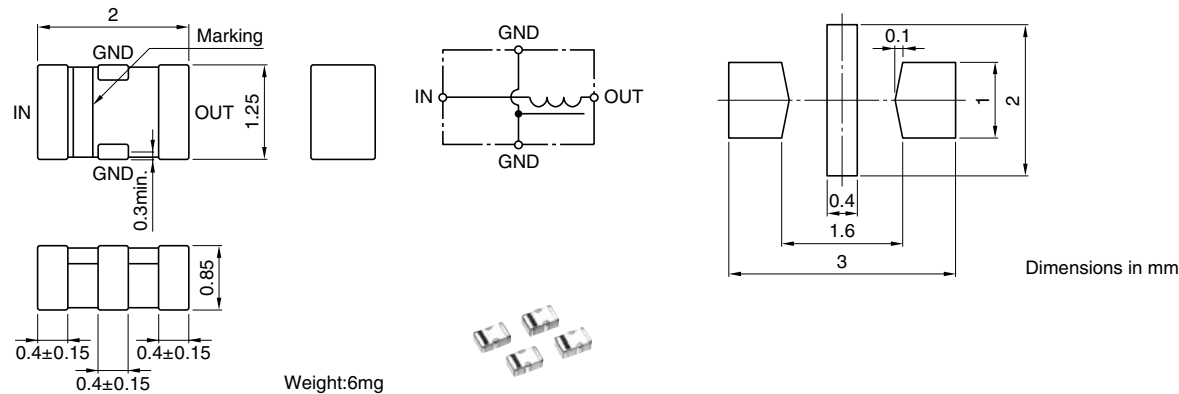
MEM	2012	D	201R	X
(1)	(2)	(3)	(4)	(5)

- (1) Series name
- (2) Dimensions LxW
- (3) Material code
- (4) Cutoff frequency 201R:200MHz
- (5) TDK internal code

PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	4000 pieces / reel

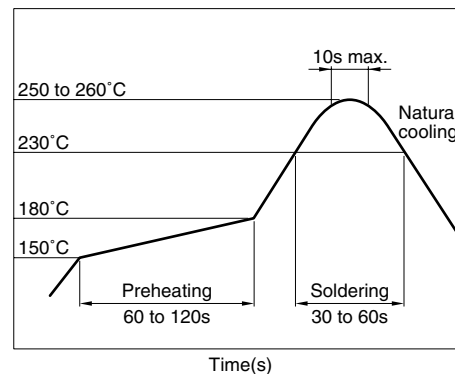
SHAPES AND DIMENSIONS/CURCUIT DIAGRAM/RECOMMENDED PC BOARD PATTERN



ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage Edc (V)	Rated current Idc (mA)	Cutoff frequency (MHz)typ.	Attenuation (GHz)typ. [20dB min.]
MEM2012D201R	25	200	200	0.8 to 2
MEM2012D301R	25	200	300	0.9 to 2
MEM2012D401R	25	200	400	1 to 2
MEM2012D501R	25	200	500	1.1 to 2

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.

TYPICAL ELECTRICAL CHARACTERISTICS
ATTENUATION vs. FREQUENCY CHARACTERISTICS

