

## Surface Mount Common Mode Choke



### FEATURES

- Operating temperature - 40 °C to + 85 °C
- Excellent solderability and resistance to soldering heat
- Suitable for flow and reflow soldering
- High reliability and easy surface mount assembly
- Lead (Pb)-free construction


**RoHS**  
COMPLIANT

### APPLICATIONS

- USB2.0 and IEEE1394
- Notebook and Personal Computer
- Digital Camera
- Scanner

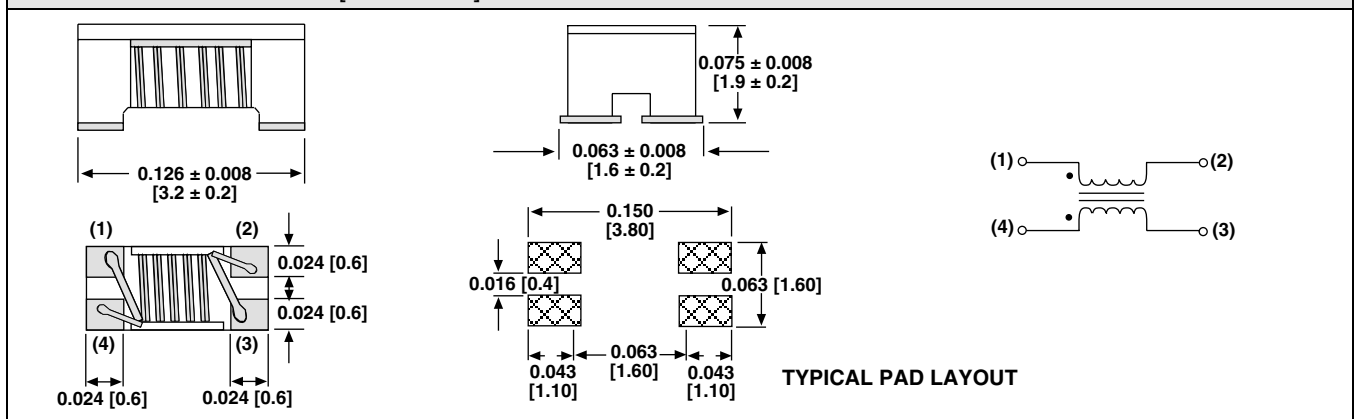
### STANDARD ELECTRICAL SPECIFICATIONS

COMMON MODE <sup>1</sup> IMPEDANCE (Ω) AT 100 MHz, ± 20 %	RATED VOLTAGE V (DC)	WITHSTANDING VOLTAGE V (DC)	RATED <sup>2</sup> CURRENT MAX (mA)	DC RESISTANCE MAX (Ω)	INSULATION RESISTANCE MIN (MΩ)
90	50	125	370	0.3	10
160	50	125	340	0.4	10
260	50	125	310	0.5	10
600	50	125	260	0.8	10
1000	50	125	230	1.0	10
2200	50	125	200	1.2	10

1. Impedance is measured in HP4287A at frequency of 100 MHz.

2. For 15 °C rise.

### DIMENSIONS in inches [millimeters]



### DESCRIPTION

ICM-1206	600	20 %	ER	e3
MODEL	IMPEDANCE VALUE	TOLERANCE	PACKAGE CODE	JEDEC LEAD FREE STANDARD

### GLOBAL PART NUMBER

I	C	M	1	2	0	6	E	R	6	0	1	M
MODEL			SIZE				PACKAGE CODE		IMPEDANCE			TOLERANCE



## Disclaimer

All product specifications and data are subject to change without notice.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.