

## 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

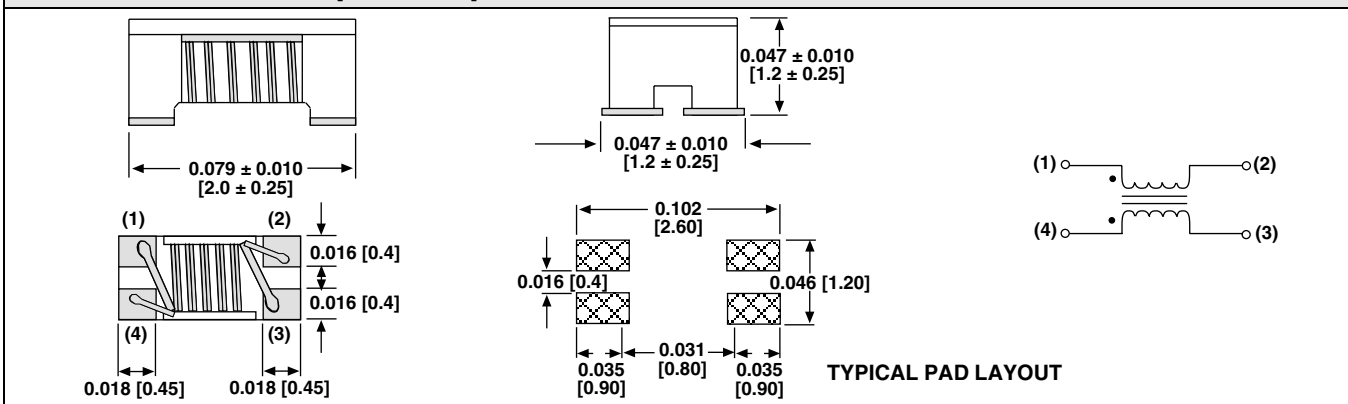
### STANDARD ELECTRICAL SPECIFICATIONS

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)
30	50	125	450	0.20	10
67	50	125	400	0.25	10
90	50	125	330	0.35	10
120	50	125	370	0.30	10
160	50	125	350	0.35	10
180	50	125	330	0.35	10
260	50	125	300	0.40	10
370	50	125	280	0.45	10

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

2. For 15 °C rise.

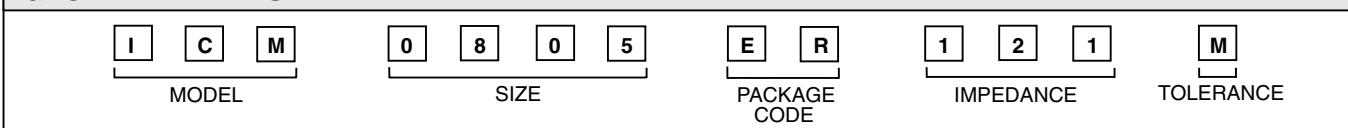
### DIMENSIONS in inches [millimeters]



### DESCRIPTION

MODEL	IMPEDANCE VALUE	TOLERANCE	PACKAGE CODE	JEDEC LEAD FREE STANDARD
ICM-0805	120	20 %	ER	e3

### GLOBAL PART NUMBER





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