

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
- Compliant to RoHS directive 2002/95/EC


RoHS
COMPLIANT

APPLICATIONS

- USB 2.0 and IEEE1394
- Notebook and personal computer
- Digital camera
- Scanner

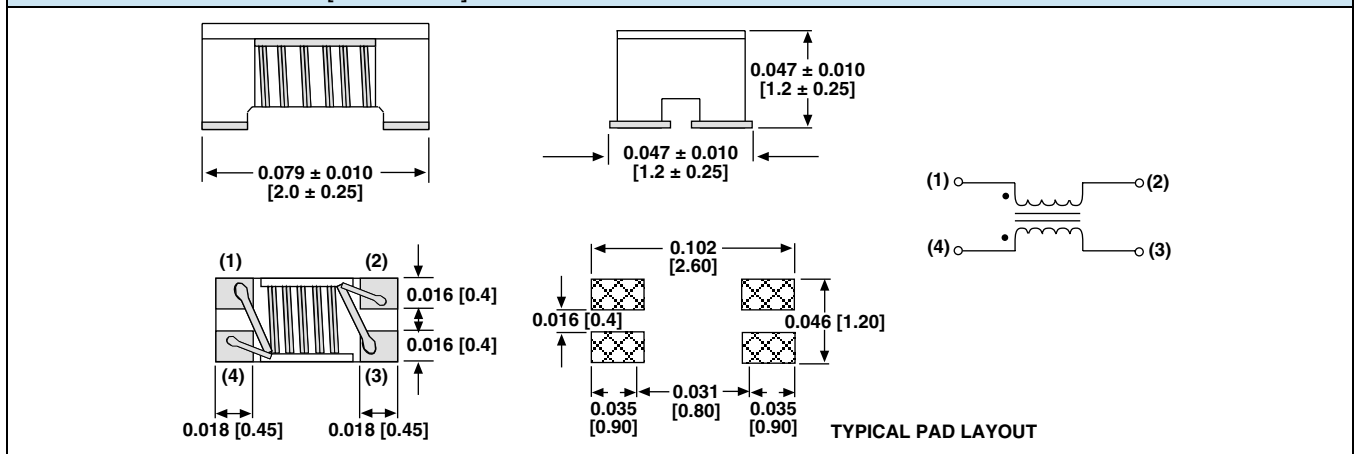
STANDARD ELECTRICAL SPECIFICATIONS

| COMMON MODE IMPEDANCE AT 100 MHz, $\pm 20\%$ (Ω) ⁽¹⁾ | RATED VOLTAGE (V_{DC}) | WITHSTANDING VOLTAGE (V_{DC}) | RATED CURRENT MAX. (mA) ⁽²⁾ | DC RESISTANCE MAX. (Ω) | INSULATION RESISTANCE MIN. (M Ω) |
|--|----------------------------|-----------------------------------|--|---------------------------------|--|
| 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 |

Notes

- (1) Impedance is measured in HP4287A at a frequency of 100 MHz.
 (2) For a 15 °C rise.

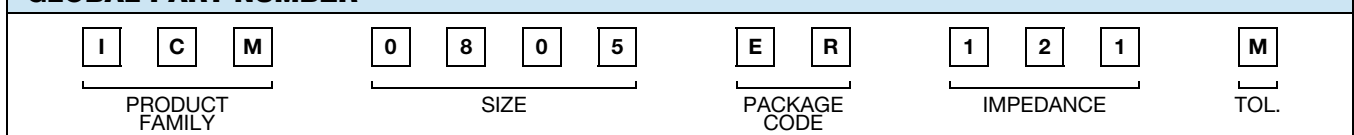
DIMENSIONS in inches [millimeters]



DESCRIPTION

| | | | | |
|----------|-----------------|----------------------|--------------|-------------------------------|
| ICM-0805 | 120 | $\pm 20\%$ | ER | e3 |
| MODEL | IMPEDANCE VALUE | INDUCTANCE TOLERANCE | PACKAGE CODE | JEDEC LEAD (Pb)-FREE STANDARD |

GLOBAL PART NUMBER





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