

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

APPLICATIONS

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

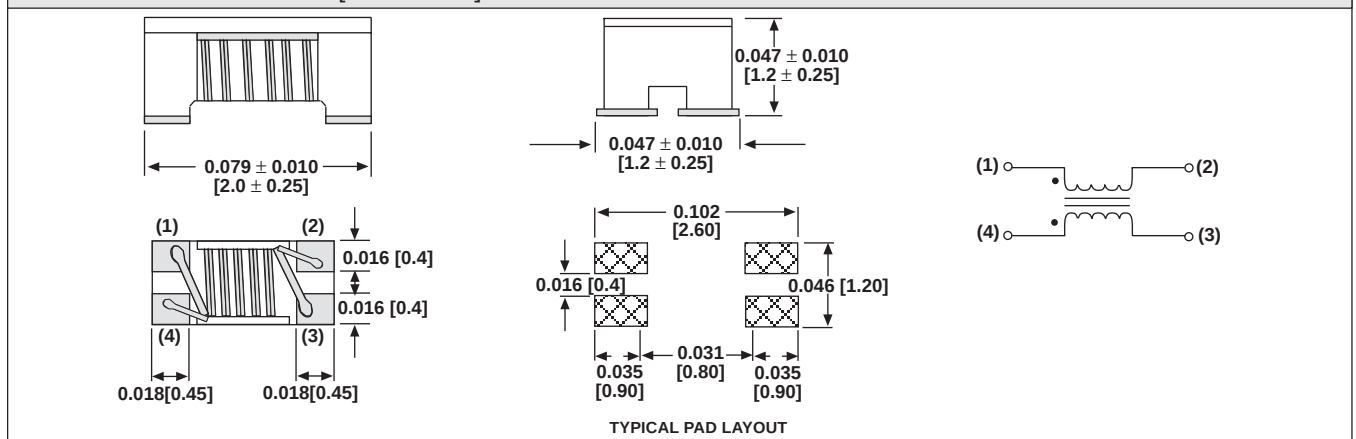
STANDARD ELECTRICAL SPECIFICATIONS

COMMON MODE ¹ IMPEDANCE (Ω) AT 100MHz, ± 20%	RATED VOLTAGE V (DC)	WITHSTANDING VOLTAGE V (DC)	RATED ² 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 100MHz.

2. For 15°C rise.

DIMENSIONS in inches [millimeters]



DESCRIPTION

ICM-0805	120	20%
MODEL	IMPEDANCE VALUE	TOLERANCE

SAP PART NUMBERING GUIDELINES (INTERNAL)

I	C	M	0	8	0	5	R	K	1	2	1	M
PRODUCT FAMILY			SIZE			PACKAGE CODE		IMPEDANCE			TOLERANCE	