

## 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 Computers
- Digital Camera
- Scanner

STANDARD ELECTRICAL SPECIFICATIONS					
COMMON MODE <sup>1</sup> IMPEDANCE (Ω) AT 100MHz, ± 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

<sup>1</sup>. Impedance is measured in HP4287A at frequency of 100MHz.

<sup>2</sup>. For 15°C rise.

DIMENSIONS in inches [millimeters]	
TYPICAL PAD LAYOUT	

DESCRIPTION		
ICM-1206	600	20%
MODEL	IMPEDANCE VALUE	TOLERANCE

SAP PART NUMBERING GUIDELINES (INTERNAL)				
I	C	M	1	2
PRODUCT FAMILY			SIZE	
R	K	6	0	1
PACKAGE CODE		IMPEDANCE		M
				TOLERANCE