

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
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912


RoHS
COMPLIANT

LINKS TO ADDITIONAL RESOURCES


[Product Page](#)

APPLICATIONS

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

STANDARD ELECTRICAL SPECIFICATIONS

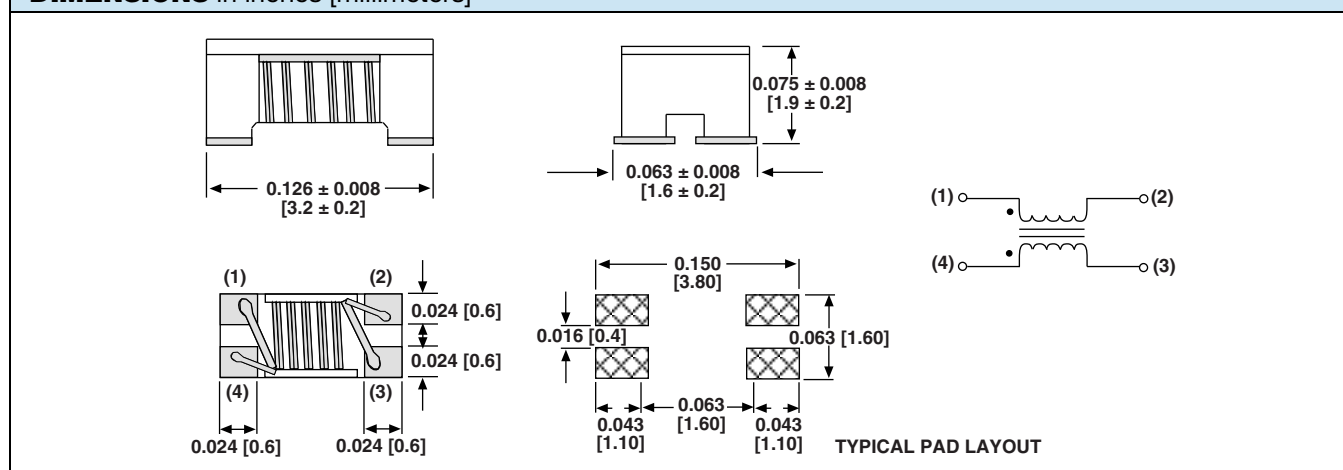
PART NUMBER	COMMON MODE IMPEDANCE AT 100 MHz, $\pm 20\%$ (Ω) ⁽¹⁾	RATED VOLTAGE (V _{DC})	WITHSTANDING VOLTAGE (V _{DC})	RATED CURRENT MAX. (mA) ⁽²⁾	DC RESISTANCE MAX. (Ω)	INSULATION RESISTANCE MIN. (M Ω)
ICM1206ER900M	90	50	125	370	0.3	10
ICM1206ER161M	160	50	125	340	0.4	10
ICM1206ER261M	260	50	125	310	0.5	10
ICM1206ER601M	600	50	125	260	0.8	10
ICM1206ER102M	1000	50	125	230	1.0	10
ICM1206ER222M	2200	50	125	200	1.2	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-1206

600

$\pm 20\%$

ER

e3

MODEL

IMPEDANCE VALUE

INDUCTANCE TOLERANCE

PACKAGE CODE

JEDEC® LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER

I C M
PRODUCT
FAMILY

1 2 0 6
SIZE

E R
PACKAGE
CODE

6 0 1
IMPEDANCE
VALUE

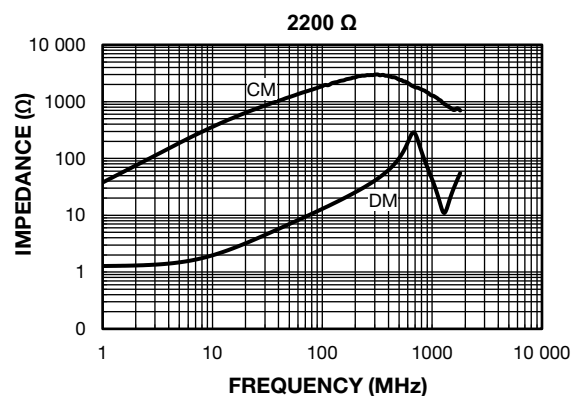
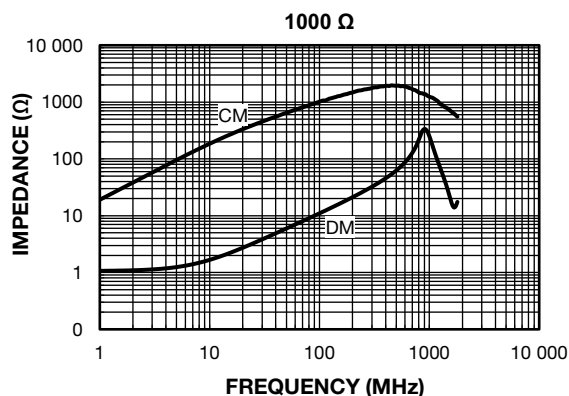
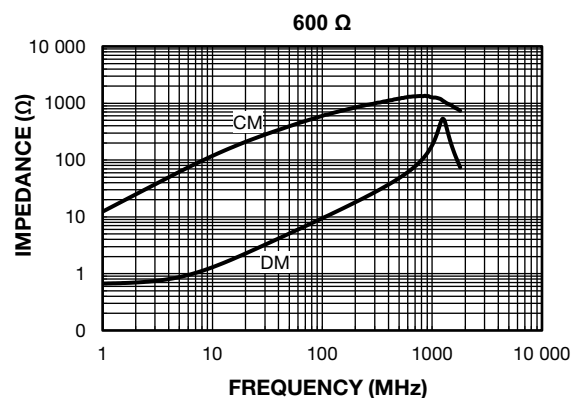
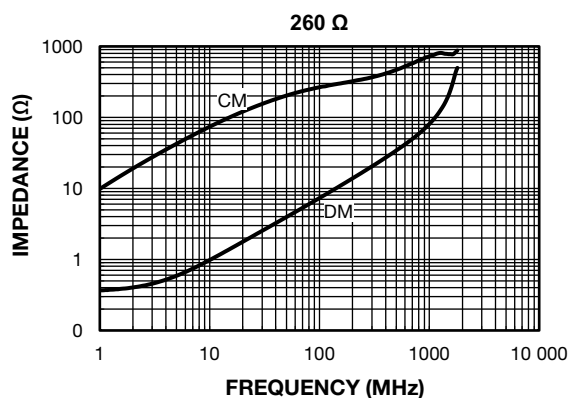
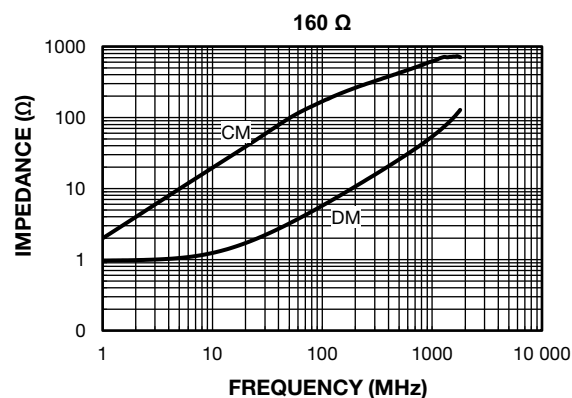
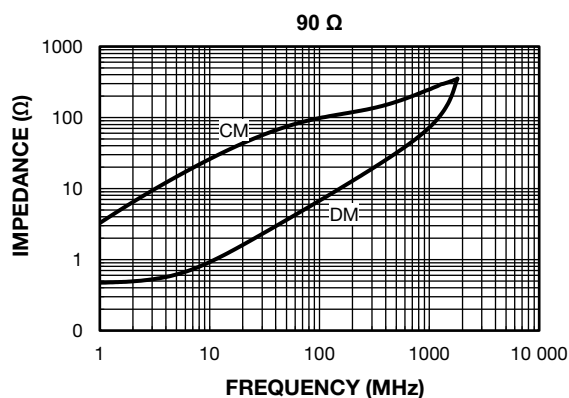
M
TOLERANCE

ER = tape and reel

601 = 600 Ω

M = 20 %

PERFORMANCE GRAPHS: IMPEDANCE VS. FREQUENCY CHARACTERISTICS





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