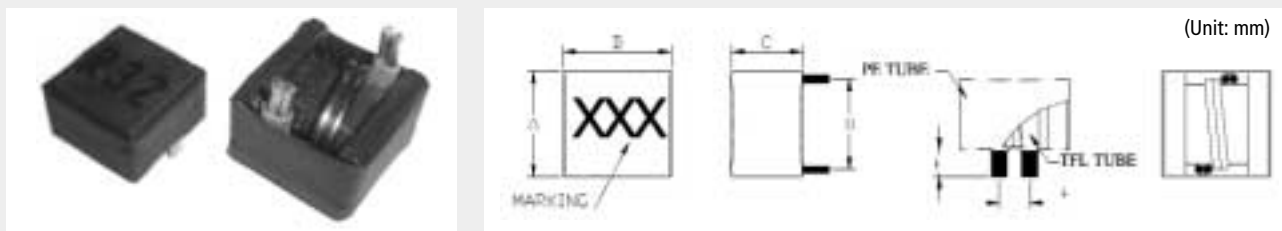


EXTERNAL DIMENSIONS



Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR meter or equivalent.
- Irate DC current rating at 40°C temperature rise (typical).
- I_{max} DC current rating at 80°C temperature rise (typical).
- Operating Temperature Range : -25°C to +125°C.

Features

- Uses the latest state of the art fine rectangular magnet wire construction.
- Super low resistance, ultra high current rating.

Applications

- For power line DC-DC conversion applications used in notebook computers and other handheld electronic equipment.

Solder Land Information

Type	A	B	C	D	E	F
CSD1212-R32MU	14.5 max.	14.5 max.	10.0 max.	10.5±1.0	3.5±0.5	3.5±1.0
CSD1212-R40MU	14.5 max.	14.5 max.	10.0 max.	10.5±1.0	3.5±0.5	3.5±1.0
CSD1212-R47MU	14.5 max.	14.5 max.	10.0 max.	10.5±1.0	3.5±0.5	3.5±1.0
CSD1212-R68MU	14.5 max.	14.5 max.	10.0 max.	11.5±1.0	3.4±0.5	5.5±1.0
CSD1212-1R0MU	14.5 max.	14.5 max.	10.0 max.	11.5±1.0	3.4±0.5	5.5±1.0

Specifications

Part Number	Inductance (μH)	Test Frequency (KHz)	I _{rate} (A)	L/L0 @ I _{rate}	I _{max} (A)	DC Resistance (mΩ max.)
CSD1212-R32MU	0.32	100	40	≤20%	35	1.0
CSD1212-R40MU	0.40	100	35	≤30%	30	1.0
CSD1212-R47MU	0.47	100	35	≤20%	30	1.0
CSD1212-R68MU	0.68	100	40	≤20%	40	1.5
CSD1212-1R0MU	1.00	100	40	≤35%	38	3.8

NOTE: □ Tolerance value: M= ± 20%,.