

MTWWI1812 Series Wire Wound Inductors - 1812 Size



Features

- Wire wound on ferrite
- Low profile construction
- Suitable for re-flow soldering
- High resistance against dampness
- Operating temperature: -40 °C to +125 °C

Product Image

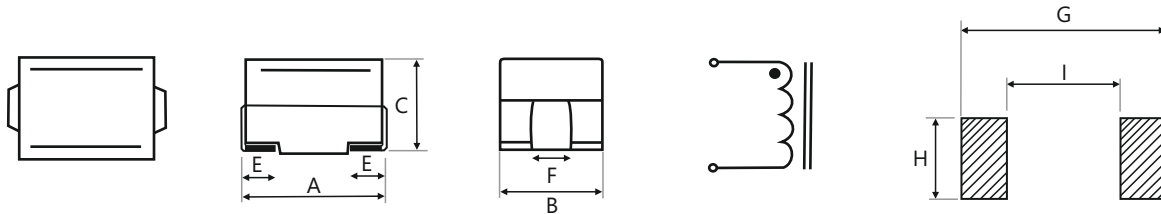


*Displayed image is only for reference purpose, original product may vary.

Applications

- Oscillator
- LCD Display
- Smart Meters
- DC-DC Converters
- RF amplifier circuit
- Power Supplies (SMPS)

Dimensions



A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	I (mm)	H (mm)
4.5 ± 0.30	3.2 ± 0.20	3.2 ± 0.30	0.6	2.6	5	3	2.8

Electrical Specifications

Part Number	Inductance, L (µH)	Test Frequency (MHz)	Q (Min.)	SRF (MHz)	DCR (Ω)	Ir (mA)
MTWWI18121R0	1	7.96	10	180	0.11	1050
MTWWI18122R2	2.2	7.96	10	80	0.18	850
MTWWI18123R3	3.3	7.96	10	45	0.22	750
MTWWI18124R7	4.7	7.96	10	35	0.27	650
MTWWI18126R8	6.8	7.96	10	28	0.35	600
MTWWI1812100	10	2.52	10	22	0.5	550
MTWWI1812220	22	2.52	10	18	0.9	370
MTWWI1812330	33	2.52	10	14	1.4	300
MTWWI1812470	47	2.52	10	11.5	1.9	260
MTWWI1812680	68	2.52	10	10	2.6	220
MTWWI1812101	100	0.796	20	8	4	180
MTWWI1812221	220	0.796	20	5.5	9	120
MTWWI1812331	330	0.796	20	4	13	90
MTWWI1812471	470	0.796	20	3	16	75
MTWWI1812561	560	0.796	20	3	21	70
MTWWI1812681	680	0.796	20	2.5	24.2	65

NOTE:
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