

## MTWWI1210 Series Wire Wound Inductors - 1210 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

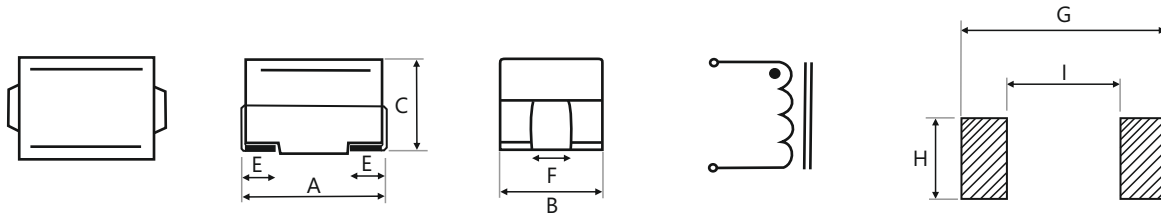


\*Displayed image is only for reference purpose, original product may vary.

### 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)
3.2 ± 0.30	2.5 ± 0.20	2.2 ± 0.20	0.5	1.9	4	2	2.2

### Electrical Specifications

Part Number	Inductance, L (uH)	Test Frequency (MHz)	Q (Min.)	SRF (MHz)	DCR (Ω)	Ir (mA)
MTWWI12101R0	1	7.96	10	100	0.3	850
MTWWI12102R2	2.2	7.96	10	68	0.3	600
MTWWI12103R3	3.3	7.96	10	54	0.35	500
MTWWI12104R7	4.7	7.96	15	46	0.45	430
MTWWI12106R8	6.8	7.96	15	38	0.5	360
MTWWI1210100	10	2.52	15	30	0.8	300
MTWWI1210150	15	2.52	15	26	1.6	0.25
MTWWI1210220	22	2.52	15	21	2.2	210
MTWWI1210330	33	2.52	15	17	2.8	170
MTWWI1210470	47	2.52	15	14	3.2	150
MTWWI1210560	56	2.52	15	13	5	120
MTWWI1210680	68	2.52	15	12	5	120
MTWWI1210820	82	2.52	15	10	6.5	110
MTWWI1210101	100	0.796	15	10	7.5	100
MTWWI1210151	150	0.796	20	7	11	85
MTWWI1210221	220	0.796	20	6	14	70
MTWWI1210331	330	0.796	20	5	21	60

NOTE:  
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