

WIV Series
Wire Wound Inductor
Size 2520



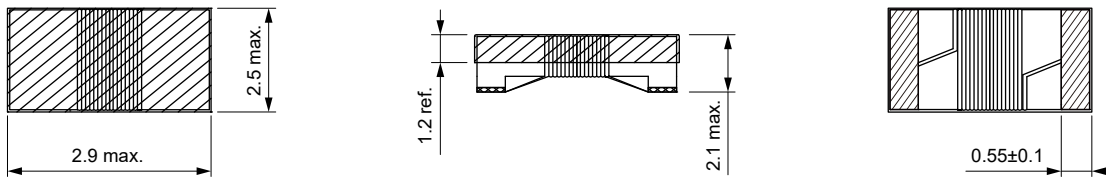
FEATURES

- Ferrite core wire wound construction
- High Reliability due to wire wound type construction
- Small footprint as well as low profile
- Application for DC power line
- Lead-free reflow soldering as referenced in JEDEC J-STD 020D and RoHS compliant
- AEC-Q200 qualified
- Operating temperature-55~+125 °C (Including self - temperature rise)
- Quantity: 2000 pcs

APPLICATION

- Filtering of supply voltages, coupling, decoupling
- DC/DC converters, switch-mode power supplies
- Entertainment equipment: car navigations, car audios
- Body control equipment like wipers, power windows

Dimensions: [mm]



Electrical Properties:

Part No	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q Min.	Test Frequency Q (MHz)	Temperature Rise Current Max. (mA)	DC Resistance Max. (Ω)	SRF Min. (MHz)
WIV2520-1R0K	1.0	±10%	0.5V/7.96M	12	7.96	1000	0.13	345
WIV2520-1R5K	1.5	±10%	0.5V/7.96M	12	7.96	850	0.17	100
WIV2520-2R2K	2.2	±10%	0.5V/7.96M	12	7.96	775	0.21	78
WIV2520-3R3K	3.3	±10%	0.5V/7.96M	12	7.96	715	0.26	48
WIV2520-4R7K	4.7	±10%	0.5V/7.96M	12	7.96	505	0.52	46
WIV2520-6R8K	6.8	±10%	0.5V/7.96M	12	7.96	432	0.72	33
WIV2520-8R2K	8.2	±10%	0.5V/2.52M	12	2.52	410	0.76	30
WIV2520-100K	10	±10%	0.5V/2.52M	12	2.52	392	0.86	28
WIV2520-150K	15	±10%	0.5V/2.52M	12	2.52	342	1.09	21
WIV2520-220K	22	±10%	0.5V/2.52M	12	2.52	260	1.96	18
WIV2520-330K	33	±10%	0.5V/2.52M	12	2.52	236	2.47	15