WI Series

Wire Wound Inductor

Size 1608

FEATURES

- Ferrite core wire wound construc on
- High Reliability due to wire wound type construc on
- Small footprint as well as low profile
- Applica on for DC power line
- Opera ng temperature-40~+125℃ (Including self - temperature rise)
- Quan ty: 3000 pcs

APPLICATION

- Filtering of supply voltages, coupling, decoupling
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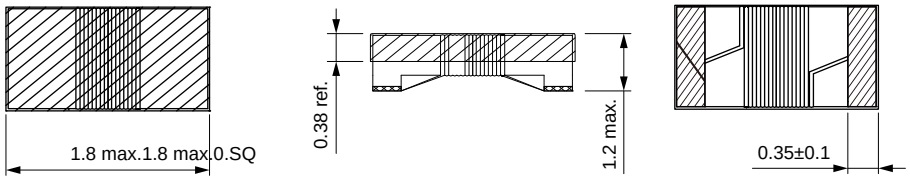
Dimensions: [mm]



Electrical Properties:

Part No	Inductance	Tolerance	Test Frequency	Q Min.	Test Frequency	Temperature Rise Current Max.	DC Resistance Max.	SRF Min.
WI1608-47NK	0.047	±10%	0.5V/7.96M	10	7.96	1400	0.075	1500
WI1608-R10K	0.10	±10%	0.5V/7.96M	10	7.96	1400	0.13	1150
WI1608-R12K	0.12	±10%	0.5V/7.96M	10	7.96	1400	0.15	1100
WI1608-R15K	0.15	±10%	0.5V/7.96M	10	7.96	1300	0.15	1050
WI1608-R18K	0.18	±10%	0.5V/7.96M	10	7.96	1300	0.15	950
WI1608-R22K	0.22	±10%	0.5V/7.96M	10	7.96	950	0.15	800
WI1608-R24K	0.24	±10%	0.5V/7.96M	10	7.96	620	0.31	800
WI1608-R27K	0.27	±10%	0.5V/7.96M	10	7.96	710	0.20	775
WI1608-R33K	0.33	±10%	0.5V/7.96M	10	7.96	620	0.35	725
WI1608-R39K	0.39	±10%	0.5V/7.96M	10	7.96	600	0.39	620
WI1608-R47K	0.47	±10%	0.5V/7.96M	10	7.96	570	0.43	540