



# WIV Series

## Wire Wound Inductor

### Size 1608



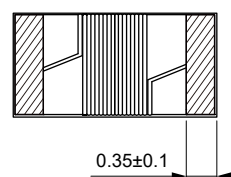
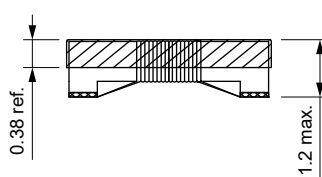
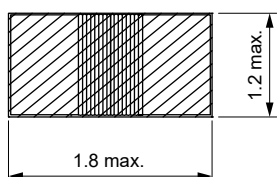
#### FEATURES

- 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: 3000 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	Tolerance	Test Frequency	Q Min.	Test Frequency	Temperature Rise Current Max.	DC Resistance Max.	SRF Min.
WIV1608-47NK	0.047	±10%	0.5V/7.96M	10	7.96	1400	0.075	1500
WIV1608-R10K	0.10	±10%	0.5V/7.96M	10	7.96	1400	0.13	1150
WIV1608-R12K	0.12	±10%	0.5V/7.96M	10	7.96	1400	0.15	1100
WIV1608-R15K	0.15	±10%	0.5V/7.96M	10	7.96	1300	0.15	1050
WIV1608-R18K	0.18	±10%	0.5V/7.96M	10	7.96	1300	0.15	950
WIV1608-R22K	0.22	±10%	0.5V/7.96M	10	7.96	950	0.15	800
WIV1608-R24K	0.24	±10%	0.5V/7.96M	10	7.96	620	0.31	800
WIV1608-R27K	0.27	±10%	0.5V/7.96M	10	7.96	710	0.20	775
WIV1608-R33K	0.33	±10%	0.5V/7.96M	10	7.96	620	0.35	725
WIV1608-R39K	0.39	±10%	0.5V/7.96M	10	7.96	600	0.39	620
WIV1608-R47K	0.47	±10%	0.5V/7.96M	10	7.96	570	0.43	540

