WIV Series
Wire Wound Inductor
Size 3225

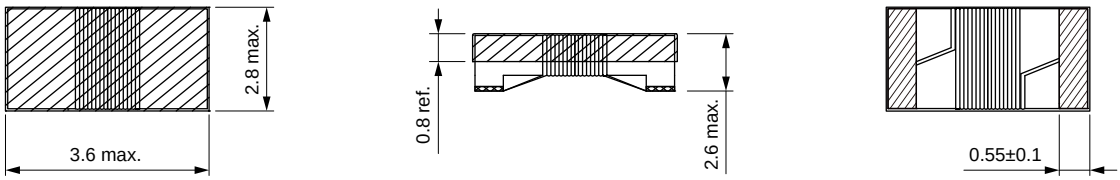
FEATURES

- 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
- Lead-free reflow soldering as referenced in JEDEC J-STD 020D and RoHS compliant
- AEC-Q200 qualified
- Opera ng temperature-55~+125℃ (Including self - temperature rise)
- Quan ty: 2000 pcs

APPLICATION

- Filtering of supply voltages, coupling, decoupling
- DC/DC converters, switch-mode power supplies
- Entertainment equipment: car naviga ons, 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)
WIV3225-1R0K	1.0	±10%	0.5V/7.96M	10	7.96	1200	0.12	290
WIV3225-1R5K	1.5	±10%	0.5V/7.96M	10	7.96	1000	0.13	260
WIV3225-2R2K	2.2	±10%	0.5V/7.96M	10	7.96	880	0.17	190
WIV3225-3R3K	3.3	±10%	0.5V/7.96M	10	7.96	775	0.22	64
WIV3225-4R7K	4.7	±10%	0.5V/7.96M	10	7.96	710	0.26	54
WIV3225-6R8K	6.8	±10%	0.5V/7.96M	10	7.96	660	0.30	34
WIV3225-100K	10	±10%	0.5V/2.52M	10	2.52	570	0.39	25
WIV3225-150K	15	±10%	0.5V/2.52M	10	2.52	440	0.66	17
WIV3225-220K	22	±10%	0.5V/2.52M	10	2.52	400	0.82	16
WIV3225-330K	33	±10%	0.5V/2.52M	10	2.52	285	1.50	12
WIV3225-390K	39	±10%	0.5V/2.52M	10	2.52	270	1.66	12
WIV3225-470K	47	±10%	0.5V/2.52M	10	2.52	260	1.90	10
WIV3225-680K	68	±10%	0.5V/2.52M	10	2.52	235	2.29	9.0

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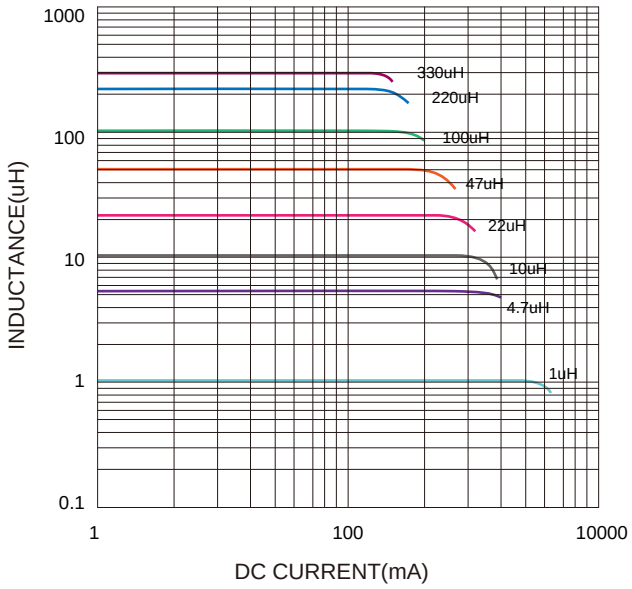
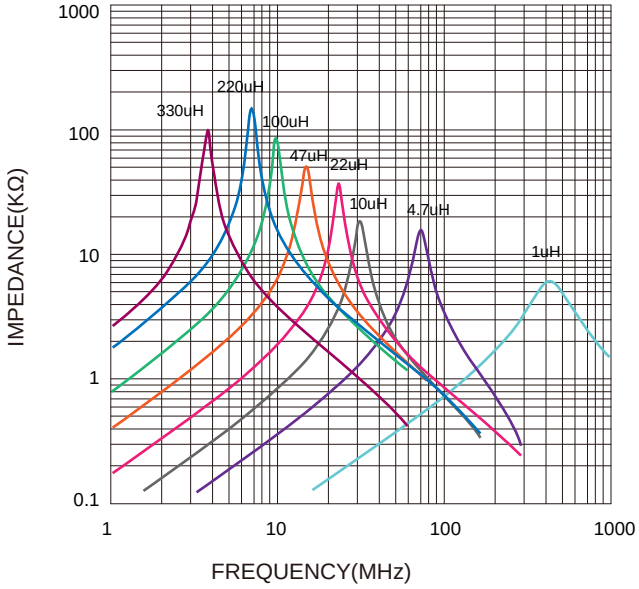
WIV3225-101K	100	±10%	0.5V/1M	10	1.00	190	3.48	7.0
WIV3225-151K	150	±10%	0.5V/1M	10	1.00	140	6.55	5.0
WIV3225-221K	220	±10%	0.5V/1M	10	1.00	115	8.23	4.0
WIV3225-331K	330	±10%	0.5V/1M	10	1.00	98	13.7	2.8
WIV3225-471K	470	±10%	0.5V/1M	10	1.00	86	18.1	2.6
WIV3225-681K	680	±10%	0.5V/1M	10	1.00	76	22.0	2.3

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Impedance VS. Frequency Characteristics: