



Winding Type Chip Inductor

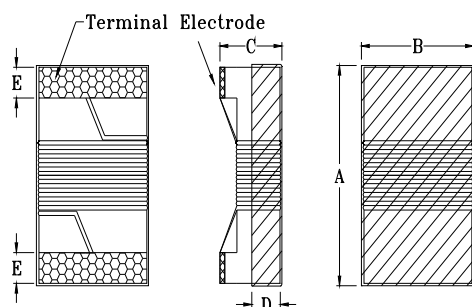
GW F3225CF-SERIES

1. Features

1. Ferrite core wire wound construction.
2. High Reliability due to wire wound type construction.
3. Small footprint as well as low profile.
4. Application for DC power line.
5. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
6. Operating temperature -40~+125°C (Including self - temperature rise)



2. Dimension



Size	A	B	C	D	E
GW F3225	3.60 max.	2.80 max.	2.60 max.	0.80 ref.	0.55±0.1

Unit:mm

3. Part Numbering

GW F	3225	C	F	-	1R0	M
A	B	C	D		E	F

A: Series
 B: Dimension L x W
 C: Application DC Power Line
 D: Lead free
 E: Inductance 1R0=1.00uH
 F: Inductance Tolerance K = ±10%, M=±20%

4. Specification

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
GW F3225CF-1R0□	1.00	K,M	0.5V/7.96M	10	7.96	1200	0.12	290
GW F3225CF-1R5□	1.50	K,M	0.5V/7.96M	10	7.96	1000	0.13	260
GW F3225CF-2R2□	2.20	K,M	0.5V/7.96M	10	7.96	880	0.17	190
GW F3225CF-3R3□	3.30	K,M	0.5V/7.96M	10	7.96	775	0.22	64
GW F3225CF-4R7□	4.70	K,M	0.5V/7.96M	10	7.96	710	0.26	54
GW F3225CF-6R8□	6.80	K,M	0.5V/7.96M	10	7.96	660	0.30	34
GW F3225CF-100□	10.0	K,M	0.5V/2.52M	10	2.52	570	0.39	25
GW F3225CF-150□	15.0	K,M	0.5V/2.52M	10	2.52	440	0.66	17
GW F3225CF-220□	22.0	K,M	0.5V/2.52M	10	2.52	400	0.82	16



Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
GWF3225CF-330□	33.0	K,M	0.5V/2.52M	10	2.52	285	1.50	12
GWF3225CF-390□	39.0	K,M	0.5V/2.52M	10	2.52	270	1.66	12
GWF3225CF-470□	47.0	K,M	0.5V/2.52M	10	2.52	260	1.90	10
GWF3225CF-680□	68.0	K,M	0.5V/2.52M	10	2.52	235	2.29	9.0
GWF3225CF-101□	100	K,M	0.5V/1M	10	1.00	190	3.48	7.0
GWF3225CF-151□	150	K,M	0.5V/1M	10	1.00	140	6.55	5.0
GWF3225CF-221□	220	K,M	0.5V/1M	10	1.00	115	8.23	4.0
GWF3225CF-331□	330	K,M	0.5V/1M	10	1.00	98	13.7	2.8
GWF3225CF-471□	470	K,M	0.5V/1M	10	1.00	86	18.1	2.6
GWF3225CF-681□	680	K,M	0.5V/1M	10	1.00	76	22.0	2.3

