

Winding Type Chip Inductor

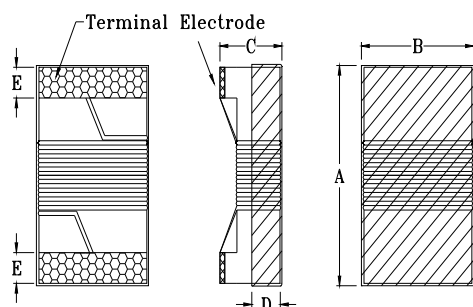
SWF3225CV-SERIES

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. High reliability -Reliability tests comply with AEC-Q200
7. Operating temperature-55~+125°C(Including self - temperature rise)



2. Dimension



Size	A	B	C	D	E
SWF3225	3.60 max.	2.80 max.	2.60 max.	0.80 ref.	0.55±0.1

Unit:mm

3. Part Numbering

SWF	3225	C	V	-	1R0	M
A	B	C	D		E	F

A: Series
 B: Dimension
 C: Application
 D: Category Code
 E: Inductance
 F: Inductance Tolerance

L x W
 DC Power Line
 V=Vehicle
 1R0=1.0uH
 M=±20%

4. Specification

TAI-TECH Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWF3225CV-1R0□	1.00	K,M	0.5V/7.96M	10	7.96	1200	0.12	290
SWF3225CV-1R5□	1.50	K,M	0.5V/7.96M	10	7.96	1000	0.13	260
SWF3225CV-2R2□	2.20	K,M	0.5V/7.96M	10	7.96	880	0.17	190
SWF3225CV-3R3□	3.30	K,M	0.5V/7.96M	10	7.96	775	0.22	64
SWF3225CV-4R7□	4.70	K,M	0.5V/7.96M	10	7.96	710	0.26	54
SWF3225CV-6R8□	6.80	K,M	0.5V/7.96M	10	7.96	660	0.30	34
SWF3225CV-100□	10.0	K,M	0.5V/2.52M	10	2.52	570	0.39	25
SWF3225CV-150□	15.0	K,M	0.5V/2.52M	10	2.52	440	0.66	17
SWF3225CV-220□	22.0	K,M	0.5V/2.52M	10	2.52	400	0.82	16

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SWF3225CV-330□	33.0	K,M	0.5V/2.52M	10	2.52	285	1.50	12
SWF3225CV-390□	39.0	K,M	0.5V/2.52M	10	2.52	270	1.66	12
SWF3225CV-470□	47.0	K,M	0.5V/2.52M	10	2.52	260	1.90	10
SWF3225CV-680□	68.0	K,M	0.5V/2.52M	10	2.52	235	2.29	9.0
SWF3225CV-101□	100	K,M	0.5V/1M	10	1.00	190	3.48	7.0
SWF3225CV-151□	150	K,M	0.5V/1M	10	1.00	140	6.55	5.0
SWF3225CV-221□	220	K,M	0.5V/1M	10	1.00	115	8.23	4.0
SWF3225CV-331□	330	K,M	0.5V/1M	10	1.00	98	13.7	2.8
SWF3225CV-471□	470	K,M	0.5V/1M	10	1.00	86	18.1	2.6
SWF3225CV-681□	680	K,M	0.5V/1M	10	1.00	76	22.0	2.3

