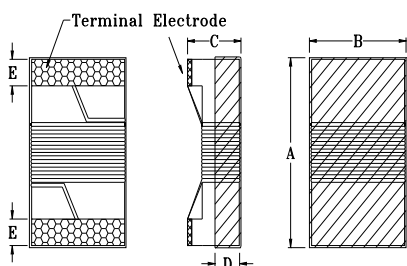


1. Features

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 Signal Use.
5. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



2. Dimensions



Size	A	B	C	D	E
SWF3225	3.60 max.	2.80 max.	2.50 max.	0.80 ref.	0.55±0.1

Unit:mm

3. Part Numbering

SWF	3225	S	F	-	1R0	K
A	B	C	D		E	F

A: Series
 B: Dimension L x W
 C: Application For Signal Use
 D: Lead Free Code
 E: Inductance 1R0=1.00uH
 F: Inductance Tolerance J=±5%, K=±10%

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.
SWF3225SF-1R0□	1.00	J,K	0.5V/25.2M	30	25.2	630	0.54	239
SWF3225SF-1R2□	1.20	J,K	0.5V/25.2M	30	25.2	630	0.54	221
SWF3225SF-1R5□	1.50	J,K	0.5V/25.2M	30	25.2	630	0.54	209
SWF3225SF-1R8□	1.80	J,K	0.5V/25.2M	30	25.2	630	0.62	203
SWF3225SF-2R2□	2.20	J,K	0.5V/25.2M	30	25.2	630	0.71	187
SWF3225SF-2R7□	2.70	J,K	0.5V/25.2M	30	25.2	630	0.74	157
SWF3225SF-3R3□	3.30	J,K	0.5V/25.2M	30	25.2	600	0.83	146
SWF3225SF-3R9□	3.90	J,K	0.5V/25.2M	30	25.2	380	1.74	139
SWF3225SF-4R7□	4.70	J,K	0.5V/25.2M	30	25.2	360	1.90	124
SWF3225SF-5R6□	5.60	J,K	0.5V/25.2M	30	25.2	330	2.05	114
SWF3225SF-6R8□	6.80	J,K	0.5V/7.96M	30	7.96	450	1.37	109
SWF3225SF-8R2□	8.20	J,K	0.5V/7.96M	30	7.96	420	1.50	104
SWF3225SF-100□	10.0	J,K	0.5V/7.96M	25	7.96	400	1.70	87

TAI-TECH

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.
SWF3225SF-120□	12.0	J,K	0.5V/7.96M	25	7.96	360	1.88	76
SWF3225SF-150□	15.0	J,K	0.5V/7.96M	25	7.96	340	2.22	67
SWF3225SF-180□	18.0	J,K	0.5V/7.96M	25	7.96	330	2.42	57
SWF3225SF-220□	22.0	J,K	0.5V/7.96M	25	7.96	300	2.66	48
SWF3225SF-270□	27.0	J,K	0.5V/2.52M	25	2.52	250	2.99	38
SWF3225SF-330□	33.0	J,K	0.5V/2.52M	25	2.52	220	3.24	26