



3225R

Surface Mount Inductors



Features and Benefits

- RoHS Compliant

Parameters

Current Rating at 90°C Ambient 35°C Rise

Operating Temperature Range -55°C to +125°C

Part Storage Temperature Range -65° C to +125°C

Maximum Power Dissipation at 90° C Ambient 0.217 W

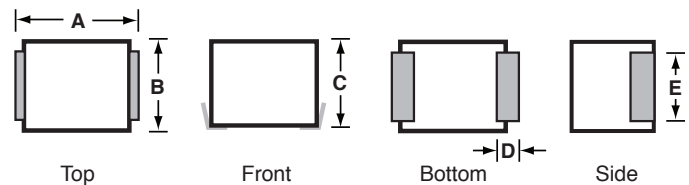
Optional Tolerances K = 10%, J = 5%

Weight/Mass 0.1 Grams Maximum

Core Material / Termination Finish

Ferrite / Sn Finish

Dimensions



	Inches	Millimeters
A	0.118 to 0.132	3.00 to 3.40
B	0.090 to 0.106	2.10 to 2.70
C	0.079 to 0.095	2.00 to 2.40
D	0.016 (TYP.)	0.40 (TYP.)
E	0.071 to 0.079	1.80 to 2.00

Dimensions A and C are over terminals

Suggested Land Pattern

	Inches	Millimeters
X	0.094	2.40
Y	0.039	1.00
Z	0.078	2.00

Electrical Characteristics

Part Number Prefix	L (uH)	Q (Min.)	L & Q Test Frequency (MHz)	SRF Min (MHz)	DCR Max (Ohms)	Current Rating (mA)
3225R-182	1.8	25	7.9	75	0.9	454
3225R-682	6.8	25	7.9	40	1.8	321
3225R-103	10	25	7.9	30	2.1	297
3225R-104	100	25	2.5	8	13	120

Self Resonant Frequency (SRF) values are calculated and for reference only

Country of Origin: Taiwan

API Delevan®

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Tape and Reel Specifications

Reel Size: 7" (178mm)
 Tape Width: 8mm
 Parts Per Reel: 2000 Pieces Maximum

Individual Part Marking

Three Digit Dash Number

Part Marking Example: 182

How To Order

3225R	—	182	J
Inductor Series		Inductance 3 digit dash no.	Tolerance J = 5% K = 10%

Country of Origin: Taiwan

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