

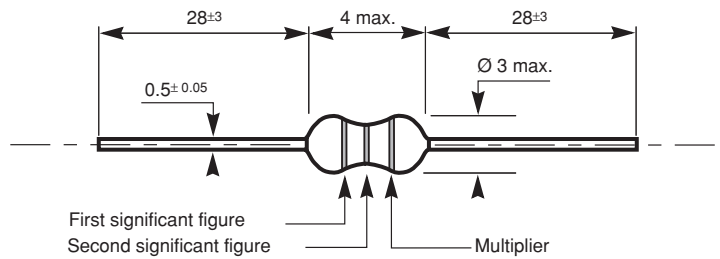
Conformal Coated Inductors, Axial Leads, Commercial Use



FEATURES

- Miniature style
- Uniform epoxy coating for humidity
- Copper winding on magnetic core structure
- Tinned copper axial leads.

DIMENSIONS in millimeters



ELECTRICAL SPECIFICATIONS	
Inductance Range	0.1 μ H to 220 μ H
Tolerance	$\pm 20\%$ $0.1 \mu\text{H} < L \leq 0.56 \mu\text{H}$ $\pm 10\%$ $0.68 \mu\text{H} < L \leq 220 \mu\text{H}$
Limiting Voltage	250VRMS

MECHANICAL SPECIFICATIONS

Coating	epoxy resin
Terminations	tinned copper
Weight	0.15g

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	+ 80°C
Temperature Limits	- 20°C + 100°C



EC22 INDUCTORS - STANDARD VALUES				
INDUCTANCE VALUE μH	TOLERANCE %	Q MIN.	TEST FREQUENCY MHz	DCR MAX. Ω
0.1	± 20%	40	25.2	0.03
0.12				0.03
0.15				0.035
0.18				0.035
0.22				0.045
0.27				0.045
0.33				0.045
0.39				0.060
0.47	↓			0.076
0.56	± 20%			0.08
0.68	± 10%			0.09
0.82			↓	0.12
1		↓	25.2	0.15
1.2		40	7.96	0.20
1.5		30		0.25
1.8				0.25
2.2				0.35
2.7				0.35
3.3				0.45
3.9				0.45
4.7				0.65
5.6		↓		0.80
6.8		30		0.95
8.2		25	↓	1
10		30	7.96	1
12		40	2.52	1.5
15				1.8
18				1.8
22				2
27				2.5
33				3
39				3.5
47				4.5
56				5
68				8
82			↓	8
100			2.52	11
120			0.796	11
150		↓		14
180	↓	40	↓	14
220	± 10%	50	0.796	25

PACKAGING
2000 pieces tape in box "ammopack" 5000 pieces tape and reel On request : 2000 pieces tape and reel radial style available(consult VISHAY AZTRONIC for dimensions).

MARKING
3 color band.

ORDERING INFORMATION				
EC	22	0.47μH	± 20%	B
SERIES	STYLE	INDUCTANCE VALUE	TOLERANCE	PACKAGING
				R: tape and reel B: tape in box "Ammopack" E: radial style