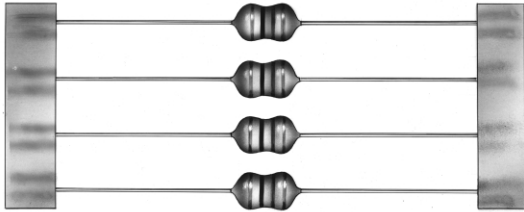


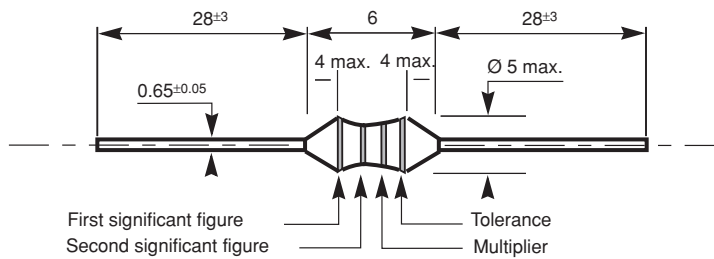
## Conformal Coated Inductors, Axial Leads, Commercial Use



### FEATURES

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

### DIMENSIONS in millimeters



ELECTRICAL SPECIFICATIONS	
Inductance Range	1mH to 39mH
Tolerance	± 10%
Limiting Voltage	250VRMS

### MECHANICAL SPECIFICATIONS

Coating	epoxy resin
Terminations	tinned copper
Weight	1g

### ENVIRONMENTAL SPECIFICATIONS

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



<b>EC46 INDUCTORS - STANDARD VALUES</b>				
INDUCTANCE VALUE $\mu$ H 1KHz	TOLERANCE %	Q MIN.	TEST FREQUENCY MHz	DCR MAX. $\Omega$
1	$\pm 10\%$	80	252	8
1.2				9
1.5				10
1.8				11
2.2				14
2.7				18
3.3				22
3.9		↓		26
4.7		80		30
5.6		60		34
6.8			↓	48
8.2			259	62
10			79.6	74
12		↓		88
15		60		102
18		40		150
22				180
27				210
30				240
33		↓	↓	250
39	$\pm 10\%$	40	79.6	270

**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**

4 color band.

**ORDERING INFORMATION**

<b>EC</b>	<b>46</b>	<b>15mH</b>	<b><math>\pm 10\%</math></b>	<b>B</b>
SERIES	STYLE	INDUCTANCE VALUE	TOLERANCE	PACKAGING R: tape and reel B: tape in box "Ammopack" E: radial style