



EC46

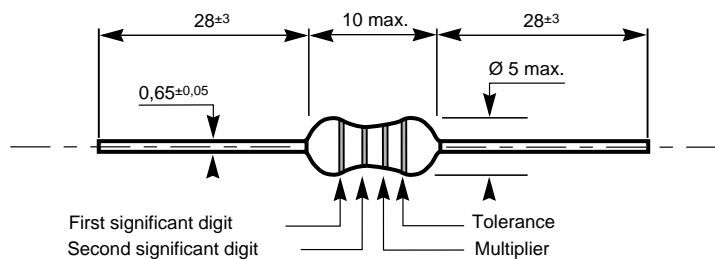
conformal coated inductors

- axial leads
- commercial use



Inductors EC series have copper winding on magnetic core structure with tinned copper axial leads.

- UNIFORM EPOXY COATING FOR HUMIDITY



Dimensions in mm

SPECIFICATIONS

MECHANICAL

COATING... epoxy resin
 TERMINATIONS... tinned copper
 WEIGHT... 1 g

ELECTRICAL

INDUCTANCE RANGE... 1 mH to 39 mH
 TOLERANCE... $\pm 10\%$
 LIMITING VOLTAGE... 250 V RMS

ENVIRONMENTAL

OPERATING TEMPERATURE... $+70^\circ\text{C}$
 TEMPERATURE LIMITS... -20°C $+100^\circ\text{C}$

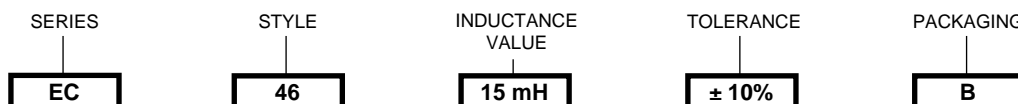
MARKING

4 color bands.

PACKAGING

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

ORDERING PROCEDURE



R : tape and reel
 B : tape in box "Ammopack"
 V : bulk pack
 E : radial style

EC46 INDUCTORS - STANDARD VALUES

Table 1

Inductance value mH	Tolerance %	Q min.	Test frequency kHz	DCR max. Ω	SRF min. MHz	I max. mA
1	± 10 %	80	252	8	1,48	105
1,2				9	1,36	95
1,5				10	1,25	87
1,8				11	1,17	85
2,2				14	1,08	81
2,7				18	0,99	70
3,3				22	0,86	65
3,9		↓		26	0,78	62
4,7		80		30	0,72	55
5,6		60		34	0,69	50
6,8				48	0,66	43
8,2				62	0,64	40
10				74	0,64	35
12		↓	↓	88	0,62	32
15		60	252	102	0,61	31
18		40	79,6	150	0,61	29
22				180	0,60	25
27				210	0,59	23
30				240	0,59	22
33		↓	↓	250	0,59	21
39	± 10 %	40	79,6	270	0,59	17



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