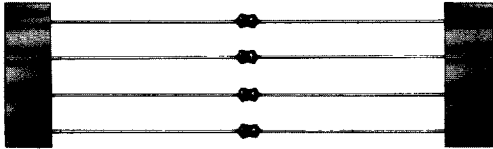




EC22

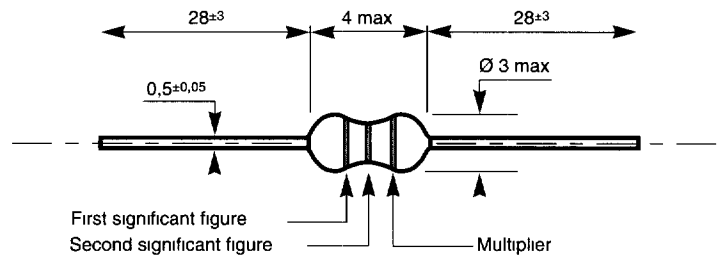
conformal coated inductors

- axial leads
- commercial use



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

- MINIATURE STYLE
- UNIFORM EPOXY COATING FOR HUMIDITY



Dimensions in mm

SPECIFICATIONS

MECHANICAL

COATING.. epoxy resin
 TERMINATIONS . tinned copper
 WEIGHT... 0,15 g

ENVIRONMENTAL

OPERATING TEMPERATURE.. + 70°C
 TEMPERATURE LIMITS -20°C +100°C

ELECTRICAL

INDUCTANCE RANGE.. 0,1 μ H to 220 μ H
 TOLERANCE $\pm 20\%$ 0,1 μ H < L \leq 0,56 μ H
 $\pm 10\%$ 0,68 μ H < L \leq 220 μ H
 LIMITING VOLTAGE . 250 V RMS

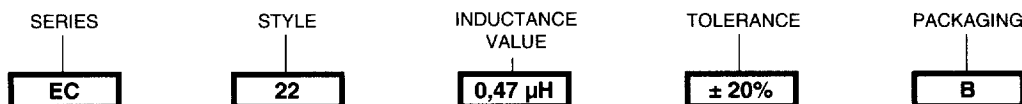
MARKING

3 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"
 E radial style

EC22 INDUCTORS - STANDARD VALUES

Table1

Inductance value μH	Tolerance %	Q min.	Test frequency MHz	DCR max. Ω	SRF min. MHz	I max. mA
0,1	$\pm 20\%$	35	25,2	0,3	450	400
0,12				0,3		400
0,15				0,35		400
0,18				0,35	▼	400
0,22				0,4	450	400
0,27				0,43	410	380
0,33				0,48	360	370
0,39				0,51	300	350
0,47	▼			0,56	230	330
0,56	$\pm 20\%$			0,61	210	320
0,68	$\pm 10\%$			0,67	190	310
0,82		▼	▼	0,74	170	290
1		35	25,2	0,8	150	270
1,2		40	7,96	0,9	110	260
1,5				1	80	250
1,8				1,1	60	240
2,2				1,2	45	230
2,7				1,3	40	220
3,3				1,4	38	210
3,9				1,6	35	200
4,7				1,7	32	190
5,6				1,9	30	180
6,8				2	28	175
8,2			▼	2,2	26	165
10			7,96	2,5	24	160
12			2,52	2,5	22	150
15				2,8	20	145
18				3,1	18	140
22				3,4	17	130
27				4,3	16	80
33				4,7	14	76
39				5,2	13	74
47				5,8	12	70
56				6,4	11	68
68				7,2	10	64
82			▼	11	9,5	46
100			2,52	12	9	44
120			0,796	13	8	42
150				16	6	39
180	▼	▼	▼	18	5,5	37
220	$\pm 10\%$	40	0,796	20	5	35