

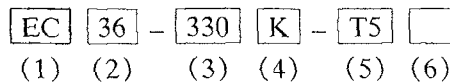
EC36 TYPE

The EC36 type choke coil incorporates a high – performance ferrite core in a small special structure. It is resin coated and achieves inductance values up to 1,000 uH.

FEATURES

- (1) Incorporation of a special lead wire structure entirely eliminates defects inherent in existing axial lead type products and prevents lead breakage.
- (2) The special magnetic core structure permits the product to have both reduced size and high-Q, self-resonant frequencies.
- (3) The products are epoxy-resin coated against humidity to ensure longer life.

ORDERING INFORMATION



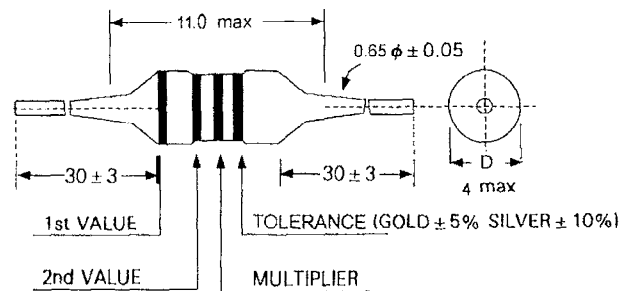
- (1) TYPE
- (2) STYLE
- (3) INDUCTANCE
- (4) TOLERANCE
- (5) TAPING OR FORMING
- (6) IF YOU NEED "AMMO PACK", PLEASE ADD "A"

CHARACTERISTICS

- Style Axial lead type
- Temperature rise 20°C
- Ambient temperature 80°C
- Rated temperature range -20°C to +100°C
- Dielectric withstanding voltage 250 Vr. m. s.
- Rated current Based on temperature rise
- Terminal tensile strength 1.0 kg min.
- Terminal bending strength 0.3 kg min.
- Moisture resistance characteristic.
..... $\Delta L/L \leq \pm 5\%$, $\Delta Q/Q \leq \pm 20\%$

COLOR CODE

Inductance values are indicated with color code as shown below.



Color code	Significant figure	Multiplier	Inductance tolerance (%)
Black	0	1	—
Brown	1	10	—
Red	2	100	—
Orange	3	1000	—
Yellow	4	—	—
Green	5	—	—
Blue	6	—	—
Violet	7	—	—
Gray	8	—	—
White	9	—	—
Black	—	—	± 20
Silver	—	0.01	± 10
Gold	—	0.1	± 5

EC36 TYPE

PART NO.	INDUCTANCE (uh)	INDUCTANCE TOLERANCE	QUALITY FACTOR (MIN.)	TESTING FREQ (MHz)	S. R. F (MHz) MIN.	DC RESISTANCE (Ω) MAX.	RATED DC CURRENT (mA) MAX.
EC36-R10K	0.10	K(±10%) [J(±5%)]	50	25.2	470	0.04	900
EC36-R12K	0.12				450	0.06	900
EC36-R15K	0.15				430	0.07	890
EC36-R18K	0.18				410	0.07	890
EC36-R22K	0.22				380	0.08	880
EC36-R27K	0.27				340	0.09	800
EC36-R33K	0.33				300	0.10	750
EC36-R39K	0.39				280	0.12	680
EC36-R47K	0.47				250	0.16	650
EC36-R56K	0.56				230	0.18	600
EC36-R68K	0.68				210	0.22	550
EC36-R82K	0.82				172	0.24	980
EC36-1R0K	1.0				157	0.09	920
EC36-1R2K	1.2				144	0.10	880
EC36-1R5K	1.5		131	0.23	830		
EC36-1R8K	1.8		121	0.25	790		
EC36-2R2K	2.2		110	0.28	750		
EC36-2R7K	2.7		100	0.30	720		
EC36-3R3K	3.3		94	0.34	670		
EC36-3R9K	3.9		86	0.37	640		
EC36-4R7K	4.7		80	0.39	620		
EC36-5R6K	5.6		74	0.43	590		
EC36-6R8K	6.8		58	0.48	550		
EC36-8R2K	8.2		53	0.52	530		
EC36-100K	10		45	0.58	500		
EC36-120K	12		30	0.63	480		
EC36-150K	15		20	0.72	460		
EC36-180K	18		14	0.77	430		
EC36-220K	22		7.9	0.84	410		
EC36-270K	27		7.6	0.94	390		
EC36-330K	33		6.3	1.03	370		
EC36-390K	39		6.3	1.12	350		
EC36-470K	47		6.3	1.22	340		
EC36-560K	56		6.2	1.34	320		
EC36-680K	68		5.7	1.47	305		
EC36-820K	82		5.3	1.62	290		
EC36-101K	100		4.8	1.80	275		
EC36-121K	120		3.8	3.70	185		
EC36-151K	150		3.5	4.20	175		
EC36-181K	180		3.3	4.60	165		
EC36-221K	220	3.0	5.10	155			
EC36-271K	270	2.8	5.80	145			
EC36-331K	330	2.6	6.40	137			
EC36-391K	390	2.4	7.00	133			
EC36-471K	480	2.25	7.70	126			
EC36-561K	560	2.1	8.50	120			
EC36-681K	680	1.95	9.40	113			
EC36-821K	820	1.85	12.0	100			
EC36-102K	1.000	1.40	17.0	100			