

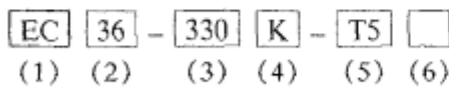
EC36 TYPE

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



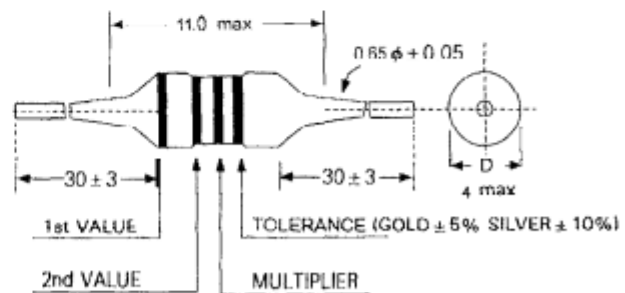
- (1) TYPE
- (2) STYLE
- (3) INDUCTANCE
- (4) TOLERANCE
- (5) TAPING OR FORMING
- (6) IF YOU NEED "AMMO PACK", PLEASE ADD "A"

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				55	131	0.23	830	
EC36 - 1R8K	1.8		60	121	0.25	790			
EC36 - 2R2K	2.2		80	110	0.28	750			
EC36 - 2R7K	2.7		100	100	0.30	720			
EC36 - 3R3K	3.3		90	7.96	94	0.34	670		
EC36 - 3R9K	3.9				86	0.37	640		
EC36 - 4R7K	4.7				80	0.39	620		
EC36 - 5R6K	5.6		80	7.96	74	0.43	590		
EC36 - 6R8K	6.8				58	0.48	550		
EC36 - 8H2K	8.2		85	53	0.52	530			
EC36 - 100K	10		75	2.52	45	0.58	500		
EC36 - 120K	12				30	0.63	480		
EC36 - 150K	15				20	0.72	460		
EC36 - 180K	18				70	14	0.77	430	
EC36 - 220K	22				65	7.9	0.84	410	
EC36 - 270K	27					7.6	0.94	390	
EC36 - 330K	33					55	6.3	1.03	370
EC36 - 390K	39				55	2.52	6.3	1.12	350
EC36 - 470K	47						6.3	1.22	340
EC36 - 560K	56				45	6.2	1.34	320	
EC36 - 680K	68				40	5.7	1.47	305	
EC36 - 820K	82				35	2.52	5.3	1.62	290
EC36 - 101K	100						4.8	1.80	275
EC36 - 121K	120				90	0.796	3.8	3.70	185
EC36 - 151K	150				80		3.5	4.20	175
EC36 - 181K	180		3.3	4.60			165		
EC36 - 221K	220	85	3.0	5.10	155				
EC36 - 271K	270	90	2.8	5.80	145				
EC36 - 331K	330		2.6	6.40	137				
EC36 - 391K	390		2.4	7.00	133				
EC36 - 471K	480	80	2.25	7.70	126				
EC36 - 561K	560	90	2.1	8.50	120				
EC36 - 681K	680	70	1.95	9.40	113				
EC36 - 821K	820		1.85	12.0	100				
EC36 - 102K	1.000		0.252	1.40	17.0		100		