

**FEATURES:**

- Base material meets flammability requirements of UL 94-0
- Recognized by UL 60950-1

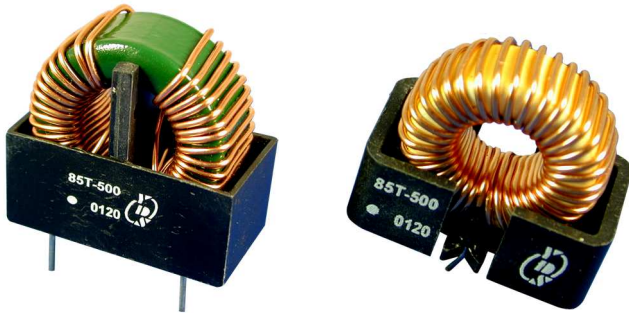
**TEST CONDITIONS:**

- Inductance-----10KHz/0.5V

**YUAN DEAN SCIENTIFIC**



**Inductor  
85T SERIES**

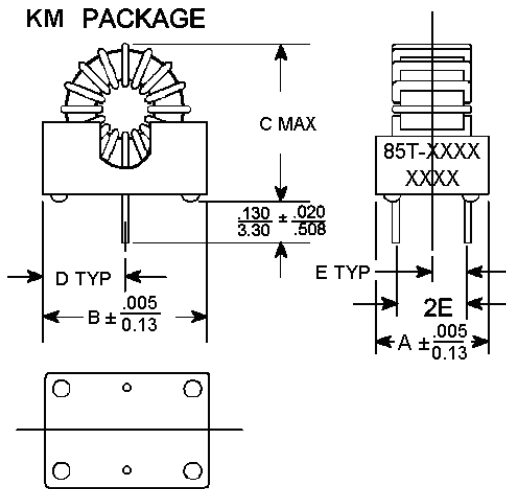


**ELECTRICAL SPECIFICATIONS@25°C- Operating temperature -30°C TO +130°C**

Part Identification	Reference Operating Values			Design Control Values			
	Part Number	Inductance Typical (μH)	IDC (AMPS)	ETOP (V-μsec)	Inductance No DC (μH±20%)	DCR (ΩMax)	Package Style
85T-470KM2NL	47	3.0	90	38	0.05	KM2	0.025
85T-331KM3NL	330	0.9	90	267	0.18	KM3	0.020
85T-680KM4NL	68	3.0	90	55	0.02	KM4	0.040
85T-101KM4NL	100	3.0	90	91	0.04	KM4	0.032
85T-151KM4NL	150	2.0	90	130	0.10	KM4	0.025
85T-221KM5NL	220	3.0	200	136	0.07	KM5	0.032



Markings and Dimensions



PKG	A	B	C	D	E	F
KM2	.450	.650	.700	.325	.150	.130
	11.43	16.51	17.78	8.26	3.81	3.30
KM3	.450	.830	.950	.415	.150	.130
	11.43	21.08	24.13	10.54	3.81	3.30
KM4	.600	.950	1.1	.475	.225	.130
	15.24	24.13	27.94	12.07	5.72	3.30
KM5	.700	1.30	1.40	.625	.250	.130
	17.78	33.02	35.56	15.88	6.35	3.30