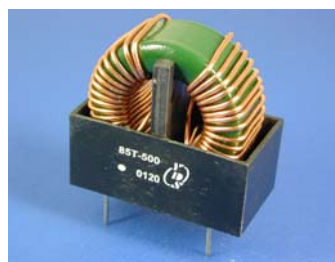


FEATURES

- BASE MATERIAL MEETS FLAMMABILITY REQUIREMENTS OF UL 94V-0
- RECOGNIZED BY UL 60950-1

TEST CONDITIONS

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



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

PART IDENTIFICATION		REFERENCE OPERATING VALUES			DESIGN CONTROL VALUES			
PART NUMBER	INDUCTANCE TYPICAL (μ H)	IDC (Amps)	ETOP (V- μ sec)	INDUCTANCE NO DC (μ H \pm 20%)	DCR (Ω MAX)	PACKAGE STYLE	LEAD DIAMETER	
85T-470KM2	47	3.0	90	38	0.05	KM2	0.025	
85T-680KM4	68	3.0	90	55	0.02	KM4	0.040	
85T-101KM4	100	3.0	90	91	0.04	KM4	0.032	
85T-151KM4	150	2.0	90	130	0.10	KM4	0.025	
80T-221A	220	1.4	90	230	0.38	LOW PROFILE	0.025SQ	
85T-221KM3	220	1.4	90	176	0.14	KM3	0.020	
80T-331A	330	0.9	90	302	0.74	LOW PROFILE	0.025SQ	
85T-331KM3	330	0.9	90	267	0.18	KM3	0.020	
85T-471KM4	470	0.64	90	426	0.16	KM4	0.025	
80T-681A	680	0.85	90	657	1.25	LOW PROFILE	0.025SQ	
85T-151KM4	150	3.0	200	136	0.10	KM4	0.025	
85T-221KM5	220	3.0	200	167	0.07	KM5	0.032	
85T-331KM5	330	3.0	200	292	0.15	KM5	0.025	
85T-471KM5	470	2.0	200	369	0.17	KM5	0.025	
85T-681KM5	680	1.3	200	562	0.20	KM5	0.025	
85T-102KM5	1000	0.95	200	762	0.24	KM5	0.025	
85T-152S2	1500	0.62	200	1150	1.00	S2	0.032	
85T-222S2	2200	0.42	200	1730	1.80	S2	0.032	

NOTES

1. typical inductance occurs at IDC and ETOP values shown.
2. The control value of inductance is measured at BOP equal to or less then 10gauss (10mV @20KHz) without DCcurrent.
3. Inductance decreases with higher values of DC current and increases winth lower values of DC current.
4. inductance increases with increase in BOP or ETOP.

Part Number:

85T - 470 KM2 NL
A B C D

A:Series

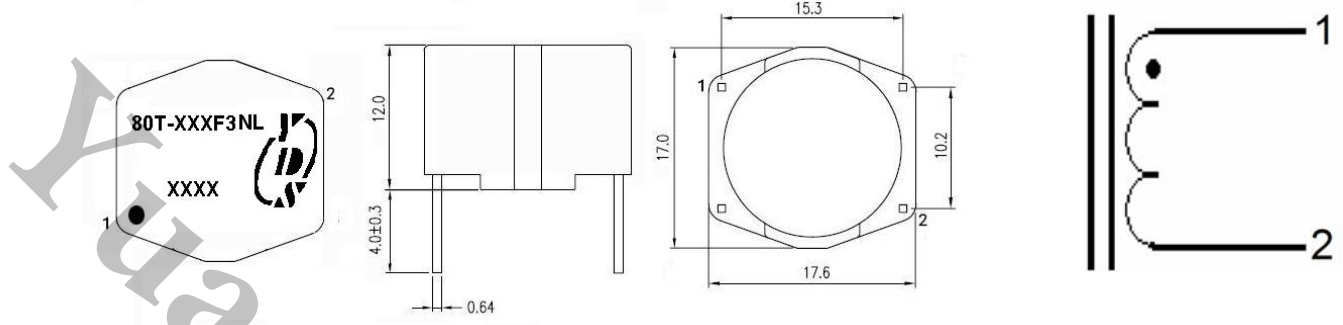
B:Inductance

C:Mechanicals

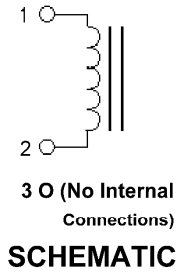
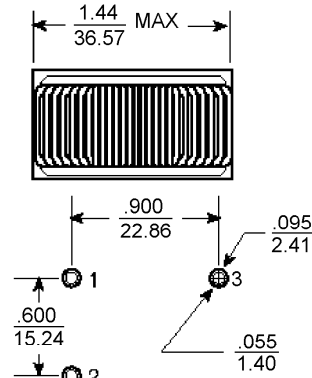
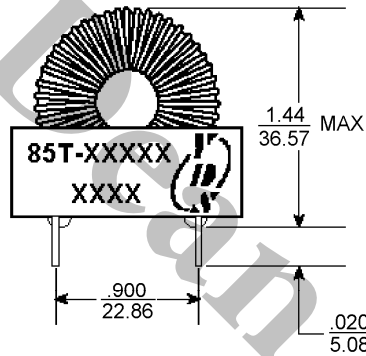
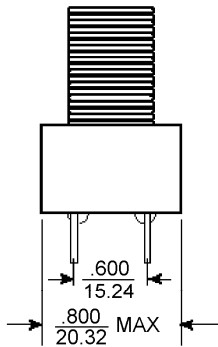
D:RoHS Version

MARKINGS AND DIMENSIONS

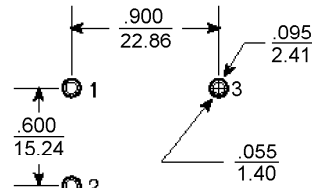
LOW PROFILE PART



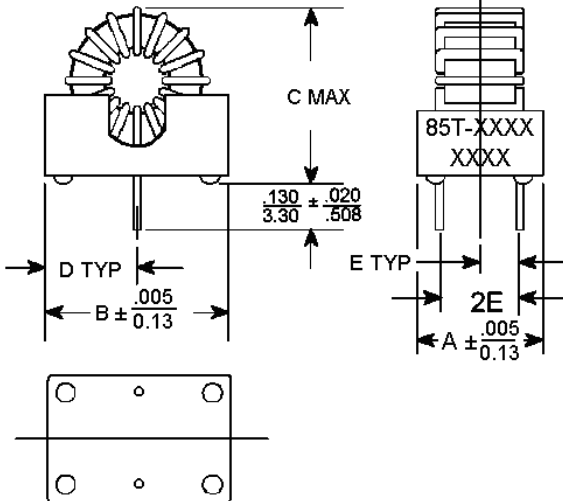
S2 PACKAGE



SUGGESTED PAD LAYOUT



KM PACKAGE



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

NOTE:

Unless otherwise specified,
All tolerances are $\pm .010/0.25$