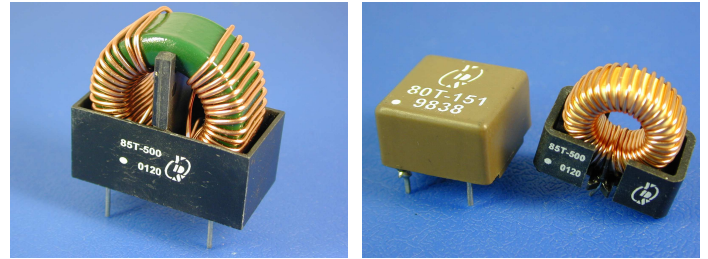


FEATURES

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

TEST CONDITIONS

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



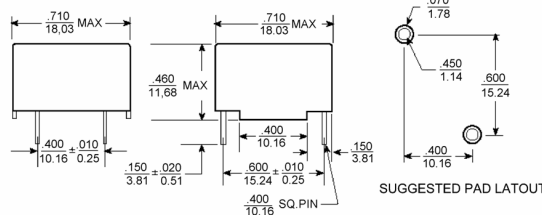
ELECTRICAL SPECIFICATIONS @25°C -Operating temperature -30°C TO +130°C

PART IDENTIFICATION		REFERENCE OPERATING VALUES			DESIGN CONTROL VALUES			
PART NUMBER	INDUCTANCE TYPICAL (μH)	IDC (Amps)	ETOP (V-μ sec)	INDUCTANCE NO DC (μH±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	
80T-331A	330	0.9	90	302	0.74	LOW PROFILE	0.025SQ	
80T-681A	680	0.85	90	657	1.25	LOW PROFILE	0.025SQ	

MARKINGS AND DIMENSIONS

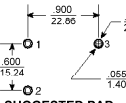
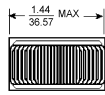
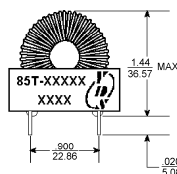
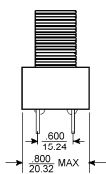
SCHEMATICS

Low Profile Package



SUGGESTED PAD LAYOUT

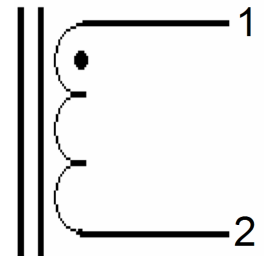
S2 PACKAGE



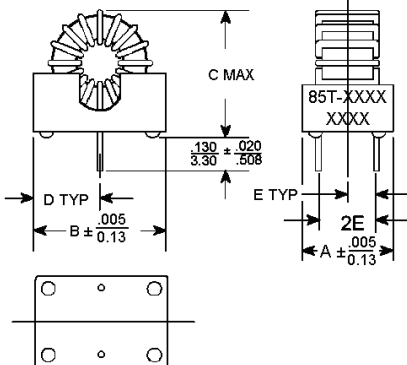
SUGGESTED PAD LAYOUT



3 (No Internal Connections) SCHEMATIC



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