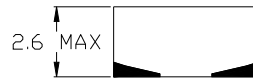
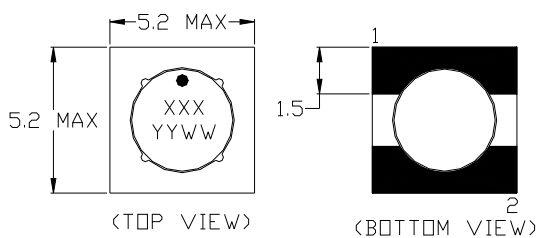
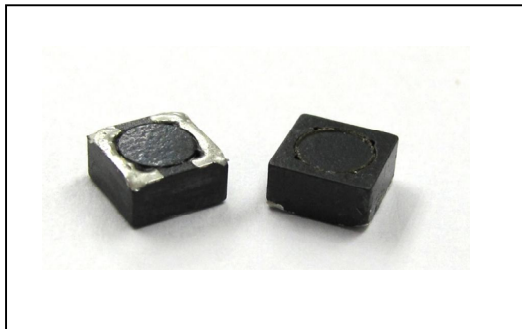
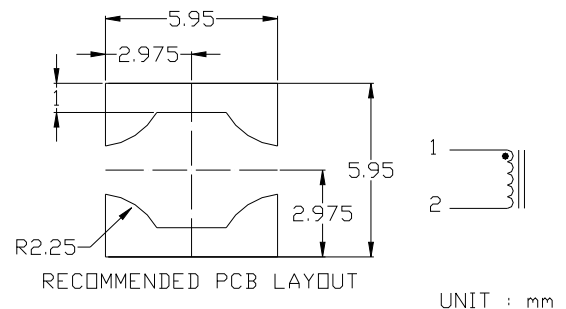


ET-529 SERIES

SMD Shielded Power Inductors



- High inductance. High DC current capability.
- True surface mount design.
- Tape & Reel packaging standard, 3000pcs per 13" Reel.
- Magnetically shielded.
- RoHS compliant component.



Electrical specification at 25°C

Part Number.	Inductance ($\pm 20\%$ uH)	I _{rms} (max)	I _{sat} ² (A)	Dc resistance (typ Ω)
ET - 529 - R47	0.466	3.88	6.0	0.0177
ET - 529 - R82	0.770	3.58	4.7	0.0208
ET - 529 - 1R2	1.15	3.33	3.8	0.0240
ET - 529 - 1R5	1.61	3.12	3.2	0.0274
ET - 529 - 2R2	2.14	2.93	2.8	0.0311
ET - 529 - 3R3	3.43	2.64	2.2	0.0384
ET - 529 - 4R7	5.03	2.39	1.8	0.0467
ET - 529 - 6R8	6.93	2.19	1.6	0.0556
ET - 529 - 8R2	7.99	1.92	1.5	0.0724
ET - 529 - 100	10.35	1.80	1.3	0.0824
ET - 529 - 150	14.45	1.67	1.1	0.0956
ET - 529 - 220	22.81	1.34	0.86	0.1478
ET - 529 - 330	33.07	1.11	0.72	0.2149
ET - 529 - 470	47.89	0.919	0.60	0.3156
ET - 529 - 680	68.64	0.741	0.48	0.4850
ET - 529 - 820	82.17	0.713	0.44	0.5242
ET - 529 - 101	100.79	0.670	0.40	0.7000
ET - 529 - 151	148.4	0.553	0.33	0.8723
ET - 529 - 221	222.4	0.446	0.27	1.3400
ET - 529 - 331	332.2	0.359	0.22	2.0700
ET - 529 - 471	472.4	0.293	0.185	3.1000
ET - 529 - 681	677.2	0.262	0.155	3.8800
ET - 529 - 821	826.7	0.230	0.14	5.0400
ET - 529 - 102	1003.4	0.216	0.125	5.7000

1. Open circuit inductance test parameters : 100KHz, 0.25Vrms, 0.0Adc.
2. I_{sat} : DC current at which the inductance drops 30% (typ) from its value without current.
3. I_{rms} : Average current for 40°C temperature rise from 25°C ambient.
4. Operating temperature range -40°C to +85°C.
5. Storage temperature range : -40°C to +125°C.