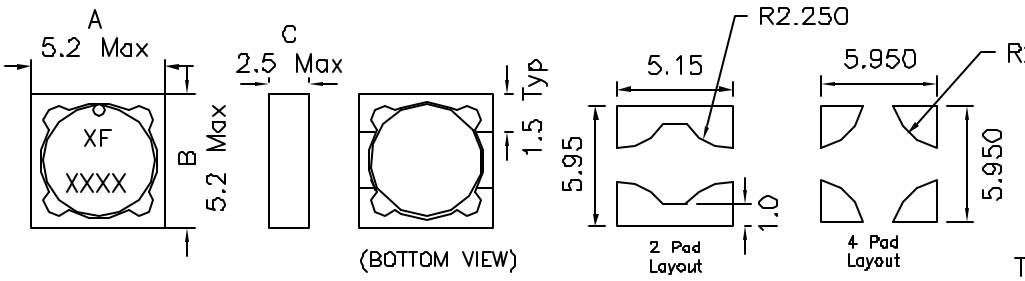
XFMRS

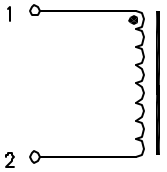
XFTPRH52D25 SMD POWER INDUCTORS

- High Inductance, High DC Current Capability
- True Surface Mount Design
- Tape & Reel Packaging Standard, 2000 Pcs per 13"Reel
- Custom designs available At No Extra Charge
- Economical Low Cost Solution For All Your Power Needs
- Magnetically Shielded
- RoHS Compliant Component

Mechanical Dimensions:



Schematic:



Dimensions in MM

Tolerances .X X±0.25

Part Number	OCL (1) (±20%uH)	Irms (2) Amperes	Isat (3) Amperes	DCR (4) (Typ Ohm)	Marking
XFTPRH52D25-R47M	0.466	3.88	6.00	0.0177	R47M
XFTPRH52D25-R82M	0.770	3.58	4.67	0.0208	R82M
XFTPRH52D25-1R2M	1.15	3.33	3.81	0.0240	1R2M
XFTPRH52D25-1R5M	1.61	3.12	3.23	0.0274	1R5M
XFTPRH52D25-2R2M	2.14	2.93	2.80	0.0311	2R2M
XFTPRH52D25-3R3M	3.43	2.64	2.21	0.0384	3R3M
XFTPRH52D25-4R7M	5.03	2.39	1.83	0.0467	4R7M
XFTPRH52D25-6R8M	6.93	2.19	1.56	0.0556	6R8M
XFTPRH52D25-8R2M	7.99	1.92	1.45	0.0724	8R2M
XFTPRH52D25-100M	10.35	1.80	1.27	0.0824	100M
XFTPRH52D25-150M	14.45	1.67	1.08	0.0956	150M
XFTPRH52D25-220M	22.81	1.34	0.857	0.1478	220M
XFTPRH52D25-330M	33.07	1.11	0.711	0.2149	330M
XFTPRH52D25-470M	47.89	0.919	0.592	0.3156	470M
XFTPRH52D25-680M	68.64	0.741	0.482	0.4850	680M
XFTPRH52D25-820M	82.17	0.713	0.441	0.5242	820M
XFTPRH52D25-101M	100.79	0.670	0.398	0.5937	101M
XFTPRH52D25-151M	148.4	0.553	0.328	0.8723	151M
XFTPRH52D25-221M	222.4	0.446	0.268	1.34	221M
XFTPRH52D25-331M	332.2	0.359	0.219	2.07	331M
XFTPRH52D25-471M	472.4	0.293	0.184	3.10	471M
XFTPRH52D25-681M	677.2	0.262	0.154	3.88	681M
XFTPRH52D25-821M	826.7	0.230	0.139	5.04	821M
XFTPRH52D25-102M	1003.4	0.216	0.126	5.70	102M

(1). Open Circuit Inductance Test Parameters: 100KHz, 0.25Vrms, 0.0Adc

(2). RMS current for an approximate ΔT of 40°C without core loss. It is recommended that the temperature of the part not exceed 125°C.

(3). Peak current for approximate 30% roll off at 20°C. (4)DCR limits @ 20°C.