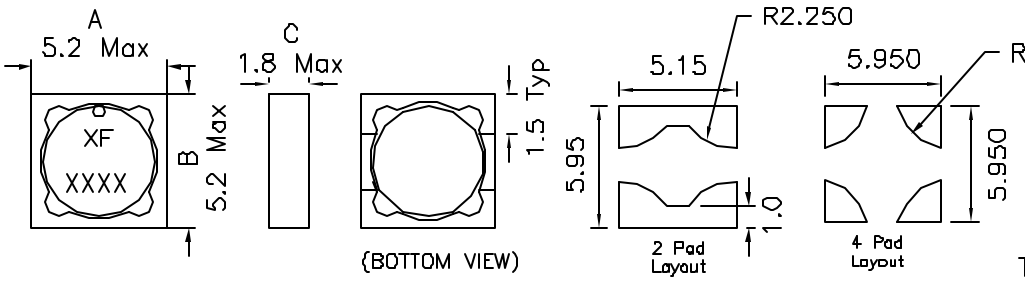
XFMRS

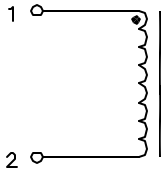
XFTPRH52D18 SMD POWER INDUCTORS

- High Inductance, High DC Current Capability
- True Surface Mount Design
- Tape & Reel Packaging Standard, 3800 Pcs per 13"Ree;
- Custom designs available At No Extra Charge
- Economical Low Cost Solution For All Your Power Needs
- Magnetically Shielded

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
XFTPRH52D18-R47M	0.49	3.58	4.63	0.0201	R47M
XFTPRH52D18-R82M	0.81	3.24	3.60	0.0247	R82M
XFTPRH52D18-1R2M	1.21	2.97	2.95	0.0294	1R2M
XFTPRH52D18-1R5M	1.69	2.73	2.49	0.0345	1R5M
XFTPRH52D18-2R2M	2.25	2.55	2.16	0.0398	2R2M
XFTPRH52D18-3R3M	3.61	2.07	1.71	0.0605	3R3M
XFTPRH52D18-4R7M	4.41	1.77	1.54	0.0824	4R7M
XFTPRH52D18-6R2M	6.25	1.61	1.30	0.1000	6R2M
XFTPRH52D18-8R2M	8.41	1.38	1.12	0.1351	8R2M
XFTPRH52D18-100M	10.89	1.28	0.982	0.1584	100M
XFTPRH52D18-150M	15.21	1.06	0.831	0.2278	150M
XFTPRH52D18-220M	22.09	0.876	0.689	0.3366	220M
XFTPRH52D18-330M	32.49	0.715	0.568	0.5057	330M
XFTPRH52D18-470M	47.61	0.578	0.470	0.7732	470M
XFTPRH52D18-680M	68.89	0.514	0.390	0.9798	680M
XFTPRH52D18-820M	82.81	0.446	0.356	1.30	820M
XFTPRH52D18-101M	102.01	0.419	0.321	1.47	101M
XFTPRH52D18-151M	151.29	0.345	0.263	2.18	151M
XFTPRH52D18-221M	222.01	0.296	0.217	2.95	221M
XFTPRH52D18-331M	334.89	0.248	0.177	4.20	331M
XFTPRH52D18-471M	479.61	0.201	0.148	6.39	471M
XFTPRH52D18-681M	681.21	0.167	0.124	9.28	681M
XFTPRH52D18-821M	823.69	0.145	0.113	12.35	821M
XFTPRH52D18-102M	1004	0.136	0.102	14.01	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.