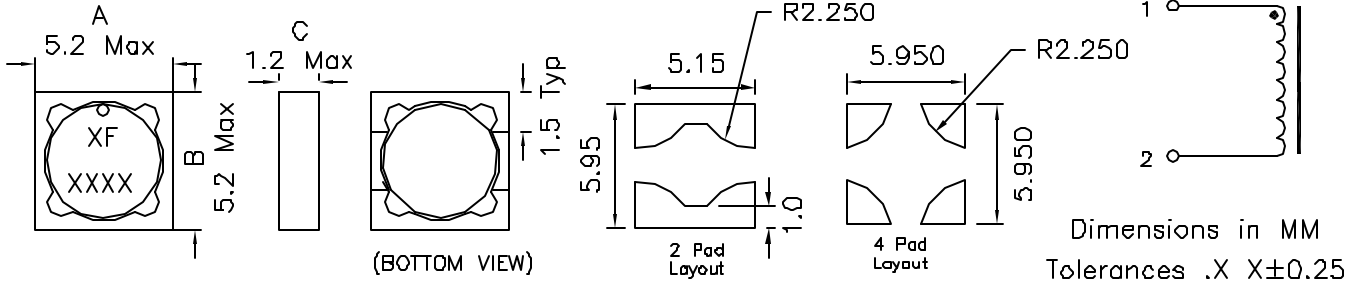


XFTPRH52D12 SMD POWER INDUCTORS

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

Mechanical Dimensions:



Part Number	OCL (1) (±20%µH)	Irms (2) Amperes	Isat (3) Amperes	DCR (4) (Typ Ohm)	Marking
XFTPRH52D12-R47M	0.490	3.19	3.86	0.0246	R47M
XFTPRH52D12-1R2M	1.21	2.62	2.45	0.0366	1R2M
XFTPRH52D12-1R5M	1.69	2.19	2.08	0.0521	1R5M
XFTPRH52D12-2R2M	2.25	1.83	1.80	0.0747	2R2M
XFTPRH52D12-3R3M	3.61	1.55	1.42	0.1043	3R3M
XFTPRH52D12-4R7M	4.41	1.46	1.29	0.1177	4R7M
XFTPRH52D12-6R2M	6.25	1.21	1.08	0.1699	6R2M
XFTPRH52D12-8R2M	8.41	1.02	0.931	0.2399	8R2M
XFTPRH52D12-100M	10.89	0.938	0.818	0.2844	100M
XFTPRH52D12-150M	15.21	0.782	0.692	0.4089	150M
XFTPRH52D12-220M	22.09	0.628	0.574	0.6338	220M
XFTPRH52D12-330M	32.49	0.519	0.474	0.9289	330M
XFTPRH52D12-470M	47.61	0.428	0.391	1.37	470M
XFTPRH52D12-680M	68.89	0.341	0.325	2.16	680M
XFTPRH52D12-820M	82.81	0.326	0.297	2.36	820M
XFTPRH52D12-101M	98.0	0.308	0.273	2.64	101M
XFTPRH52D12-151M	151.3	0.251	0.220	3.96	151M
XFTPRH52D12-221M	222.0	0.229	0.181	4.76	221M
XFTPRH52D12-331M	334.9	0.186	0.148	7.25	331M
XFTPRH52D12-471M	462.3	0.167	0.126	8.95	471M
XFTPRH52D12-681M	670.8	0.149	0.104	11.30	681M
XFTPRH52D12-821M	800.9	0.129	0.095	14.93	821M
XFTPRH52D12-102M	992.3	0.121	0.086	17.20	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.