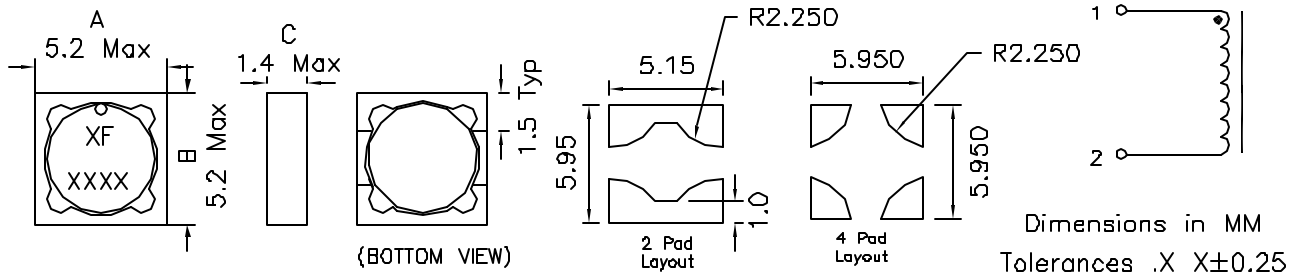


XFTPRH52D14 SMD POWER INDUCTORS

- 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	QCL (1) (±20%uH)	I _{rms} (2) Amperes	I _{sat} (3) Amperes	DCR (4) (Typ Ohm)	Marking
XFTPRH52D14-R58M	0.61	3.52	4.84	0.0220	R58M
XFTPRH52D14-R87M	0.88	3.2	3.96	0.0243	R87M
XFTPRH52D14-1R2M	1.23	2.7	3.35	0.0344	1R2M
XFTPRH52D14-1R5M	1.63	2.53	2.91	0.0390	1R5M
XFTPRH52D14-2R0M	2.09	2.37	2.56	0.0445	2R0M
XFTPRH52D14-2R5M	2.62	2.05	2.29	0.0595	2R5M
XFTPRH52D14-3R2M	3.19	1.94	2.08	0.0663	3R2M
XFTPRH52D14-4R5M	4.53	1.64	1.74	0.0935	4R5M
XFTPRH52D14-6R9M	6.98	1.35	1.41	0.1363	6R9M
XFTPRH52D14-8R8M	8.88	1.14	1.25	0.1913	8R8M
XFTPRH52D14-100M	9.93	1.1	1.18	0.2058	100M
XFTPRH52D14-150M	14.68	0.98	0.969	0.2609	150M
XFTPRH52D14-220M	21.93	0.806	0.793	0.3853	220M
XFTPRH52D14-330M	32.55	0.654	0.651	0.5852	330M
XFTPRH52D14-470M	47.57	0.525	0.538	0.9055	470M
XFTPRH52D14-680M	68.21	0.474	0.449	1.11	680M
XFTPRH52D14-820M	83	0.408	0.407	1.50	820M
XFTPRH52D14-101M	99.25	0.386	0.373	1.68	101M
XFTPRH52D14-151M	152.4	0.315	0.301	2.52	151M
XFTPRH52D14-221M	222	0.258	0.249	3.77	221M
XFTPRH52D14-331M	335.1	0.206	0.203	5.92	331M
XFTPRH52D14-471M	471.4	0.173	0.171	8.34	471M
XFTPRH52D14-681M	683.3	0.156	0.142	10.3	681M
XFTPRH52D14-821M	823.4	0.134	0.129	13.9	821M
XFTPRH52D14-102M	1008	0.126	0.117	15.8	681M

- (1). Open Circuit Inductance Test Parameters: 100KHz, 0.25V_{rms}, 0.0A_{dc}
- (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 20% roll off at 20°C. (4)DCR limits @ 20°C.