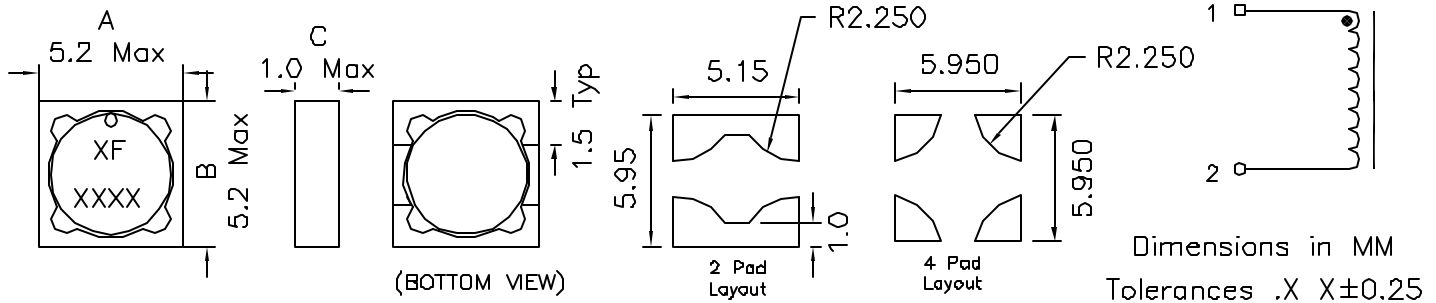


## XFTPRH52D10 SMD POWER INDUCTORS

- 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%uH)	I <sub>rms</sub> (2) Amperes	I <sub>sat</sub> (3) Amperes	DCR (4) (Typ Ohm)	Marking
XFTPRH52D10-R47M	0.453	2.59	3.54	0.0249	R47M
XFTPRH52D10-1R0M	1.119	1.93	2.25	0.0448	1R0M
XFTPRH52D10-1R5M	1.563	1.60	1.91	0.0653	1R5M
XFTPRH52D10-2R2M	2.081	1.35	1.65	0.0912	2R2M
XFTPRH52D10-3R3M	3.339	1.24	1.31	0.1078	3R3M
XFTPRH52D10-4R7M	4.893	1.04	1.08	0.1535	4R7M
XFTPRH52D10-6R2M	6.743	0.94	0.92	0.1870	6R2M
XFTPRH52D10-8R2M	8.889	0.800	0.800	0.2607	8R2M
XFTPRH52D10-100M	10.07	0.760	0.752	0.2888	100M
XFTPRH52D10-150M	15.55	0.613	0.605	0.4429	150M
XFTPRH52D10-220M	22.21	0.498	0.506	0.6718	220M
XFTPRH52D10-330M	32.20	0.412	0.420	0.9807	330M
XFTPRH52D10-470M	46.63	0.337	0.349	1.47	470M
XFTPRH52D10-680M	70.01	0.301	0.285	1.84	680M
XFTPRH52D10-820M	83.48	0.258	0.261	2.50	820M
XFTPRH52D10-101M	102.0	0.225	0.236	3.29	101M
XFTPRH52D10-151M	149.2	0.200	0.195	4.15	151M
XFTPRH52D10-221M	222.2	0.161	0.160	6.41	221M
XFTPRH52D10-331M	330.4	0.130	0.131	9.83	331M
XFTPRH52D10-471M	468.3	0.117	0.110	12.10	471M

- (1). Open Circuit Inductance Test Parameters: 100KHz, 0.25V<sub>rms</sub>, 0.0A<sub>dc</sub>
- (2). RMS current for an approximate  $\Delta T$  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.