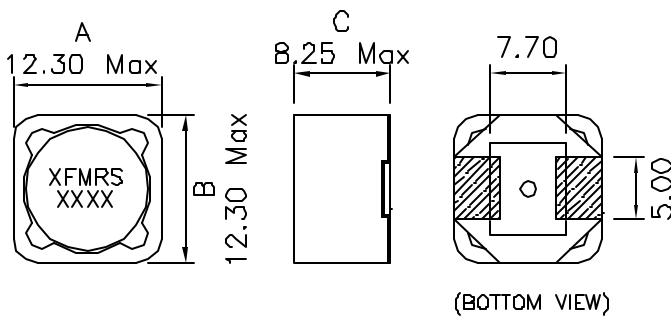


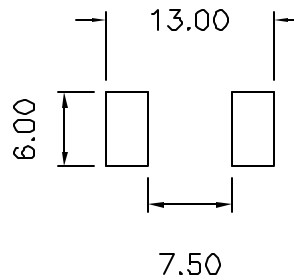
XFTPRH1207B SERIES INDUCTORS

- Magnetically Shielded
- Low DC Resistance/High DC Current Capability
- Tape & Reel Packaging Standard, 400 Pcs per 13" Reel
- Suitable for reflow soldering
- Flammability Rating: UL94V-0
- RoHS Compliant

Mechanical Dimensions:

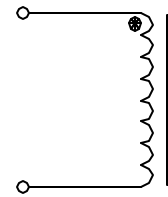


(BOTTOM VIEW)



(SUGGESTED MOUNTING PAD)

Schematic:



Part Number	Inductance ¹ (μH)	DCR (Ohms Max)	ISAT ² (A Max)	IRMS ³ (A Max)
XFTPRH1207B-1R4N	1.4	0.0035	15.0	12.8
XFTPRH1207B-2R3N	2.3	0.0050	12.6	11.9
XFTPRH1207B-3R4M	3.4	0.0067	10.6	10.9
XFTPRH1207B-4R7M	4.7	0.0096	8.7	8.5
XFTPRH1207B-6R3M	6.3	0.0110	7.9	8.0
XFTPRH1207B-8R0M	8.0	0.0121	6.4	7.7
XFTPRH1207B-100M	10	0.0127	5.8	7.4
XFTPRH1207B-120M	12	0.0140	5.3	6.8
XFTPRH1207B-150M	15	0.0158	4.6	6.4
XFTPRH1207B-180M	18	0.0240	4.4	5.1
XFTPRH1207B-220M	22	0.0283	3.9	4.5
XFTPRH1207B-270M	27	0.0327	3.5	4.3
XFTPRH1207B-330M	33	0.0440	3.1	3.7
XFTPRH1207B-420M	42	0.0526	3.0	3.3
XFTPRH1207B-470M	47	0.0556	2.8	3.1

Inductance Tolerance: (M: $\pm 20\%$; N: $\pm 30\%$)

1. Tested @1KHz 0.1V
2. Inductance Drop = 10% Typ. at Isat
3. $\Delta T = 40^\circ\text{C}$ Rise Typ. at Irms.
4. Operating Temperature Range -40°C to $+85^\circ\text{C}$.
5. Electrical Specifications @25°C.