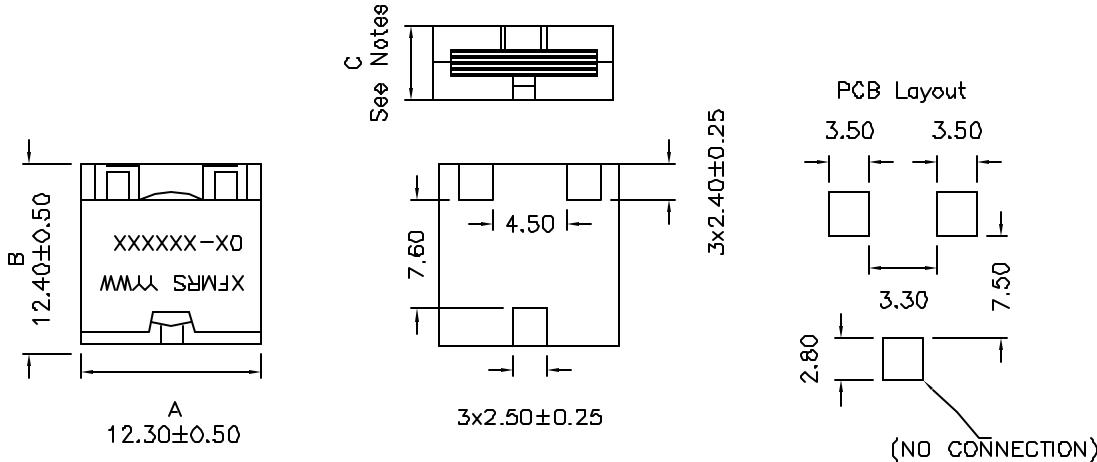


XF12120x Series Power Inductors

- * Available in three (3) sizes: XF121204, XF121205, & XF121206
- * High DC Current Capability
- * Operating Temp: -40 to +85°C
- * Flamability Rating: UL94V-0

Mechanical Characteristics:



Electrical Characteristics:

Part Number	INDUCTANCE (uH)±20%	DCR (mOhms) Max	Isat (A dc)	Heating Current (A dc)
XF121204-R30M220	0.300	1.70	22.0	17.0
XF121204-R60M180	0.600	3.00	18.0	14.0
XF121204-1R0M150	1.00	4.50	15.0	11.0
XF121204-2R2M090	2.20	6.80	9.0	9.0
XF121204-3R3M080	3.30	11.20	8.0	8.0
XF121204-4R7M060	4.70	15.40	6.0	6.0
XF121204-5R5M050	5.50	15.40	5.0	5.0
XF121205-R33M380	0.330	0.80	33.2	25.0
XF121205-R60M283	0.600	1.75	28.3	23.0
XF121205-1R0M228	1.00	3.60	22.8	18.0
XF121205-2R2M155	2.20	7.50	15.5	14.0
XF121205-3R3M122	3.30	10.40	12.2	12.0
XF121205-4R7M102	4.70	12.40	10.2	9.3
XF121205-5R5M082	5.50	12.40	8.2	9.3
XF121206-R33M380	0.330	0.80	38.0	25.0
XF121206-R60M230	0.600	0.80	23.0	25.0
XF121206-1R0M200	1.00	1.75	20.0	15.0
XF121206-2R1M150	2.10	3.60	15.0	12.0
XF121206-3R1M120	3.10	7.50	12.0	9.0
XF121206-4R2M100	4.20	7.50	10.0	8.5
XF121206-4R6M090	4.60	10.40	9.0	8.0
XF121206-5R5M080	5.50	12.40	8.0	7.5

Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. XF121204 C=4.DQMAX
9. XF121205 C=5.DQMAX
10. XF121206 C=6.DQMAX
11. OCL tested at 1.0KHz, 0.1V
12. Isat is based on 20% drop in DCL Typ
13. Heating Current is based on 40°C rise in Temp Typ
14. Tape & Reel Packaging Standard, 500 Pcs per 13" Reel