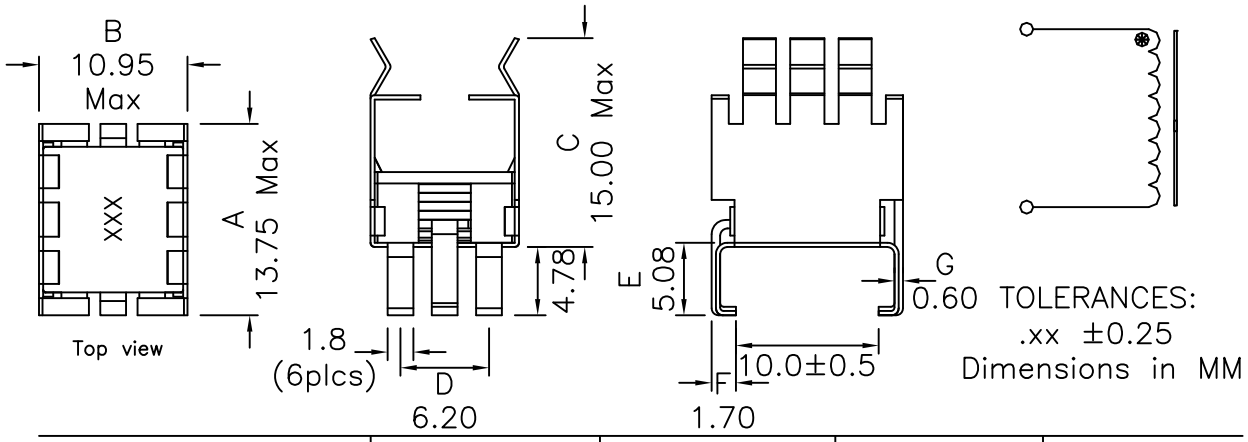
XFMRS

XFHCL11MBV-xxxx SERIES INDUCTOR

Mechanical Dimensions:



Part Number	Inductance (uH±20%) at 100KHz 0.1V	DCR mOhms (Max)	Isat (A) Typ	Irms (A) Typ
XFHCL11MBV-R33M	0.33	0.95	46.0	40
XFHCL11MBV-R70M	0.72	1.75	40.0	22
XFHCL11MBV-1R0M	1.0	2.2	36.0	21
XFHCL11MBV-1R2M	1.2	2.6	30.0	20
XFHCL11MBV-1R8M	1.8	3.85	28.0	16
XFHCL11MBV-2R2M	2.2	6.5	25.6	15
XFHCL11MBV-2R4M	2.4	9.0	22.0	14
XFHCL11MBV-3R3M	3.3	11.8	20.0	10
XFHCL11MBV-4R3M	4.3	15.51	18.0	9
XFHCL11MBV-5R6M	5.6	19.3	16.0	8.5
XFHCL11MBV-150M	15	45.6	8.0	4.5

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H 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 +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250C Max.
12. Irated is the DC current at which the temp increases by 50°C from its initial value
13. Isat is the DC current at which the inductance drop 30% Typ from its value without curent

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