

D10F alternative

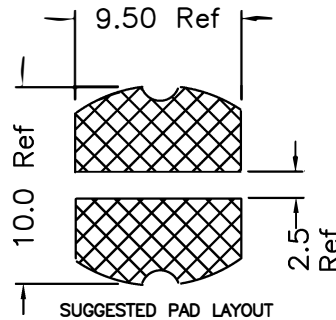
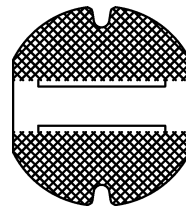
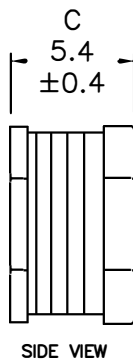
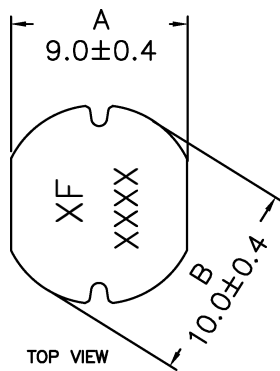


XFSS105-xxxx Inductors

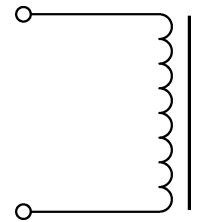


- * 105°C Temperature Rating
- * High Current Capacity
- * Large Terminal Surface For Good PCB Bonding

1. Mechanical Dimensions:



2. Schematic:



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 +105°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

UNLESS OTHERWISE SPECIFIED

TOLERANCES:

.xx ± 0.25

Dimensions in MM

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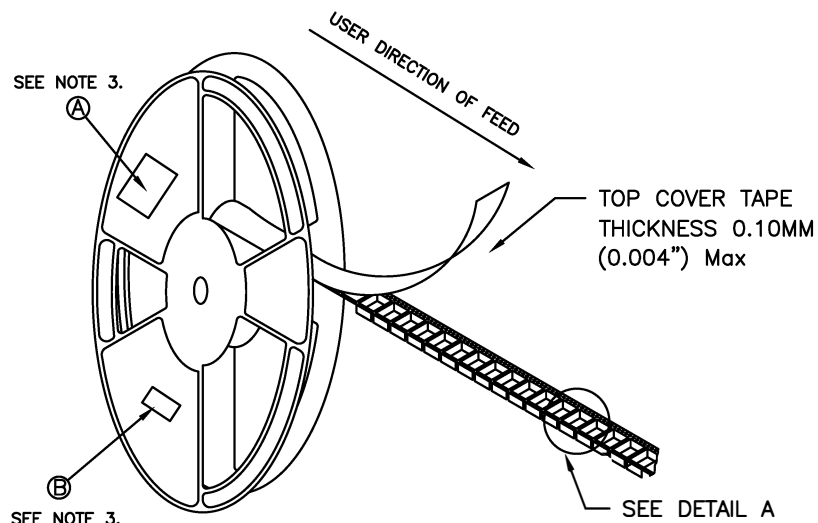
3. Electrical Characteristics: 25°C

Part Number	L _o Inductance (uH)	Test Freq (kHz)	DC Current Max (A)	DCR Max. (mOhms)	Tolerance (%)
XFSS105-100M	10.0	100	2.60	60.0	20
XFSS105-120M	12.0	100	2.45	70.0	20
XFSS105-150M	15.0	100	2.27	80.0	20
XFSS105-180M	18.0	100	2.15	90.0	20
XFSS105-220M	22.0	100	1.95	100.0	20
XFSS105-270M	27.0	100	1.76	110.0	20
XFSS105-330M	33.0	100	1.50	120.0	20
XFSS105-390M	39.0	100	1.37	140.0	20
XFSS105-470M	47.0	100	1.28	170.0	20
XFSS105-560M	56.0	100	1.17	190.0	20
XFSS105-680M	68.0	100	1.11	220.0	20
XFSS105-820M	82.0	100	1.00	250.0	20
XFSS105-101M	100	100	0.97	350.0	20
XFSS105-121M	120	100	0.89	400.0	20
XFSS105-151M	150	100	0.78	470.0	20
XFSS105-181M	180	100	0.72	630.0	20
XFSS105-221M	220	100	0.66	730.0	20
XFSS105-331M	330	100	0.52	1150	20
XFSS105-471 M	470	100	0.42	1480	20
XFSS105-681M	680	100	0.28	2250	20
XFSS105-821M	820	100	0.24	2550	20

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XFSS105-xxxx Inductors

TAPE AND REEL SPECIFICATION:

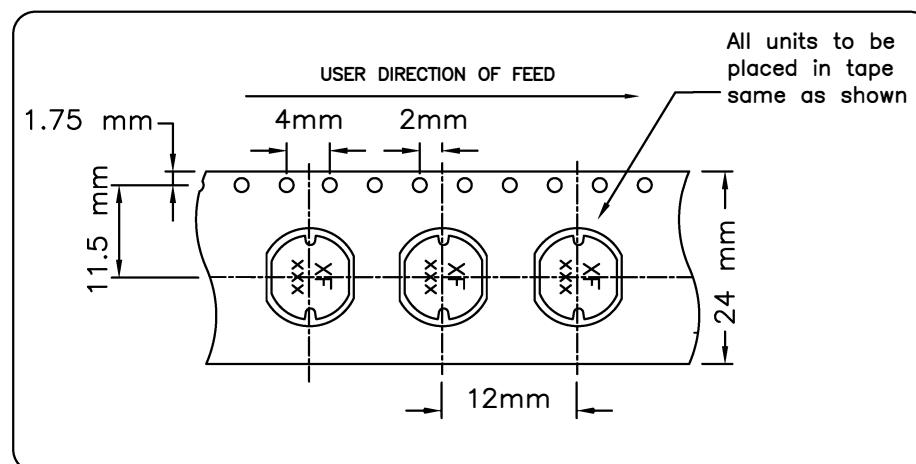


REEL AND TAPE ORIENTATION

13" REEL DIAMETER

- 1) PROCESS IN ACCORDANCE WITH EIA-481-2 STANDARDS
NOTES: * TAPE LEADER DIMENSION 15.30" MIN.
* TAPE TRAILER DIMENSION 6.30" MIN.
- 2) PARTS SHOULD BE PACKAGED IN ACCORDANCE WITH ESD GUIDELINES IN EIA-541.
- 3) REEL LABEL: 'A' * CUSTOMER PART NUMBER
* QUANTITY
* DATE CODE
'B' - ANTI-STATIC CAUTION
- LABEL 4) 600PCS PER 13" REEL

DETAIL A



Doc Rev A/3

PROPRIETARY BEC DISTRIBUTION LIMITED

BEC DISTRIBUTION	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxx Dimensions in mm	P/N: XFSS105 SERIES		REV. A
	DWN.	Kong	Aug-31-22
	CHK.	YK Liao	Aug-31-22
	APP.	TCH	Aug-31-22