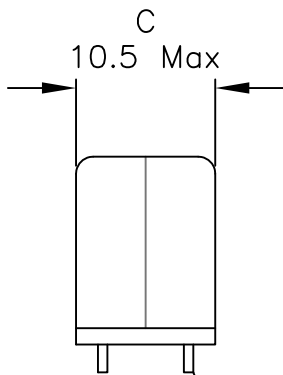
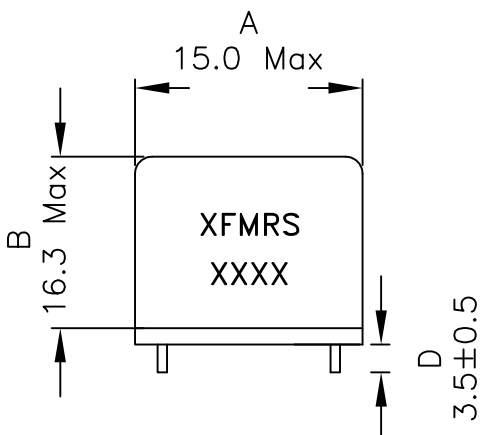
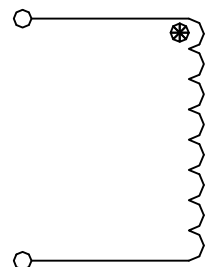


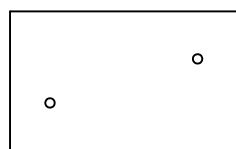
XFCD141696–xxxx Class D Amplifier Inductors



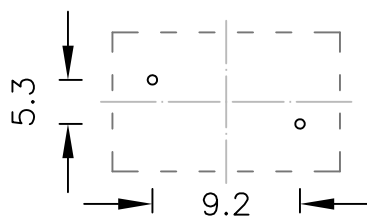
Schematic:



100M: $\phi 0.75 \pm 0.1$
All Else: $\phi 0.70 \pm 0.1$



Bottom view



Recommended
PC Board Layout

TOLERANCE:
.xxx ± 0.250
Dimensions in MM

Part Number	OCL 1KHz, 1.0V (μ H) $\pm 20\%$	DCR Max 25°C (mOhms)	I _{rms} CURRENT TYP. (A)	SATURATION CURRENT 10% TYP. Drop (Adc)
XFCD141696–100M	10	9	7.5	11.0
XFCD141696–150M	15	16	6.5	11.0
XFCD141696–220M	22	16	6.5	7.5
XFCD141696–330M	33	16	6.5	5.0

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. All listed parameters are to be within tolerance from –40°C to +125°C unless otherwise noted.
Ambient temperature: –40°C to +85°C referring to I_{rms}
6. Storage Temperature Range: –20°C to +40°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component
10. Outsourced item processed & controlled under XFMRs QA system

AEC–Q200