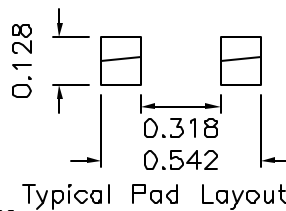
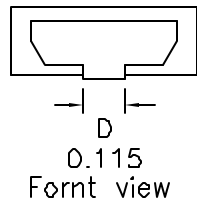
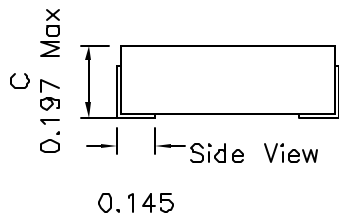
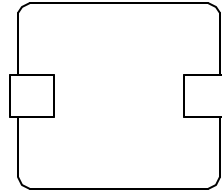
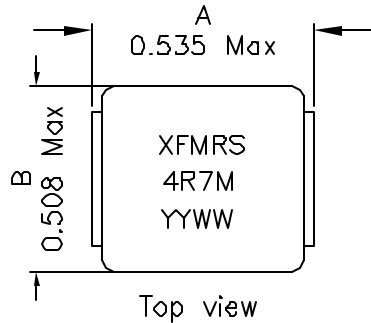


### 1. Mechanical Dimensions:

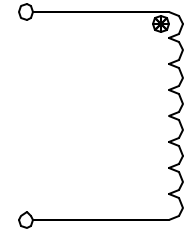


**Notes:**

1. Solderability: Leads shall meet MIL-STD-2026, 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 +85°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

DOC REV: A/7

### 2. Schematic:



### 3. Electrical Specifications: @25°C

OCL: 4.7µH±20% @100KHz, 0.25V OADC

DCR: 15.0 mOhms Max

Irated: 12.0A (Based on 40°C Temp Rise)

I<sub>sat</sub>: 27.0A (Based on 20% drop in OCL)

<b>XFMRS Inc</b> www.XFMRS.com		Title: <b>XFHCL4 SERIES INDUCTORS</b>	
UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A	P/N: XFHCL4-4R7M	REV. A	
	Dimensions in Inch	DWN. 文 鹏	Oct-22-07
SHEET 1 OF 1	CHK. 李小锋	Oct-22-07	
	APP. MS	Oct-22-07	