

Features

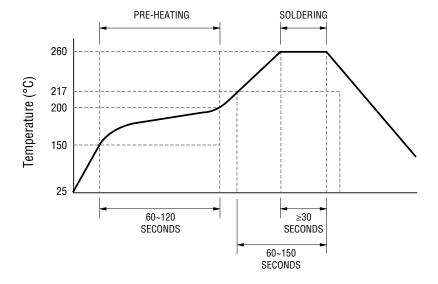
- Monolithic construction offering high reliability
- Magnetically shielded construction providing low radiation
- Low DC resistance
- Low profile
- RoHS compliant*

CVH160808 Series – Multilayer Power Chip Inductors

Electrical Specifications @ 25 °C

Bourns® Part No.	Inductance @ 1 MHz / 0.1 V		SRF (MHz)	DCR (Ohms)	IDC (mA)
	L (μH)	Tol.	Тур.	±25 %	Тур.
CVH160808-R24M	0.24	±20 %	90	0.100	1200
CVH160808-R47M	0.47	±20 %	70	0.100	1200
CVH160808-1R0M	1.00	±20 %	60	0.200	950
CVH160808-2R2M	2.20	±20 %	50	0.300	750

Soldering Profile (Lead Free Solder)



Time (Seconds)

General Specifications

Operating Temperature

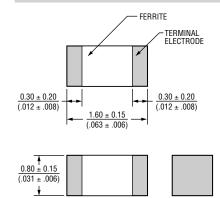
.....-40 °C to +85 °C (Temperature rise included) Storage Temperature -40 °C to +85 °C Temperature Rise

Moisture Sensitivity Level.....1 ESD Classification (HBM).....N/A

Materials

Core.....Ferrite TerminalAg/Ni/Sn Packaging...... 4000 pcs. per 7 inch reel

Product Dimensions

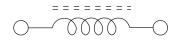


 MM DIMENSIONS: (INCHES)

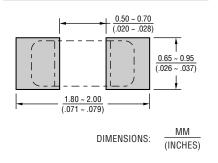
 0.80 ± 0.05

 $(.031 \pm .002)$

Schematic



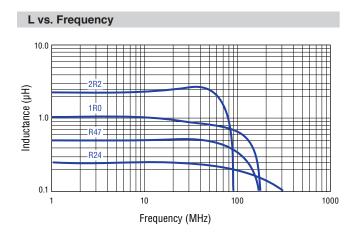
Recommended Layout

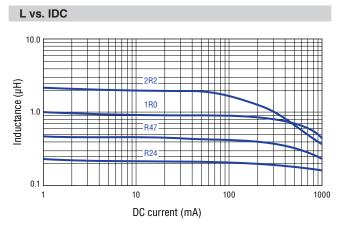




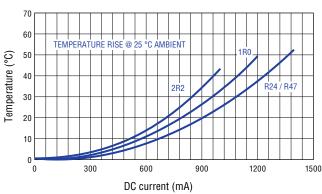
WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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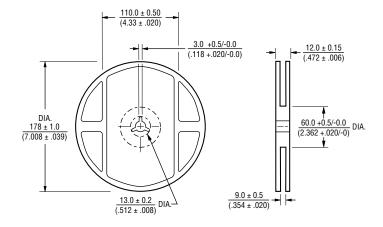
Temperature Rise vs. IDC

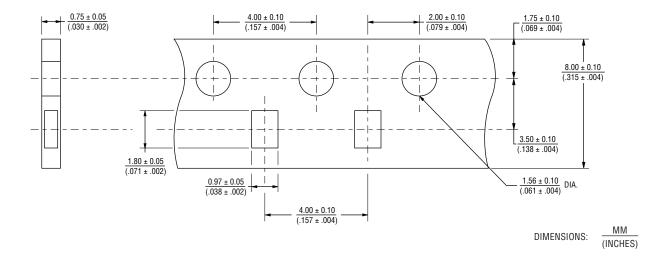


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BOURNS

Packaging Specifications





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