

Features

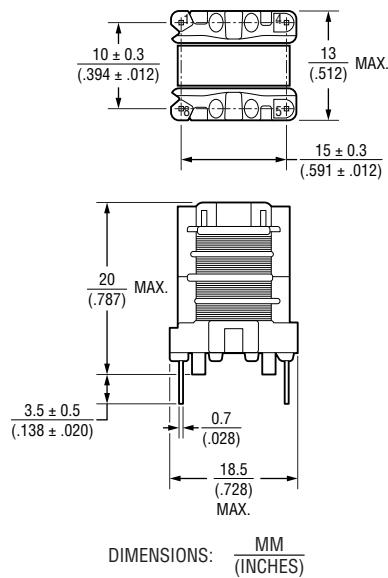
- EMC filter choke complies with EN 62368
- Wide-band performance of interference suppression
- Excellent attenuation of symmetric and asymmetric noise
- Compact design
- Class B / 130 °C
- RoHS compliant*

Model 093267 SP-E 16/5 EMC Filter Choke

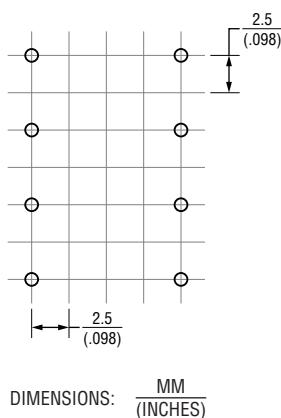
Electrical Specifications @ 25 °C

Nominal Inductance.....	2 x 27 mH $\pm 30\%$
Maximum Resistance.....	2 ohms per winding
Working Frequency	N/A
Transformation Ratio.....	1 : 1
Dielectric Strength	Winding-Winding = 1.5 kV
Nominal Current	0.5 A
Leakage Inductance	N/A
Operating Temperature.....	-25 °C to +125 °C
Storage Temperature.....	-25 °C to +85 °C
Moisture Sensitivity Level.....	N/A
ESD Classification (HBM).....	N/A

Product Dimensions



Recommended PCB Layout



How to Order

Order by Model No 093267

Additional Information

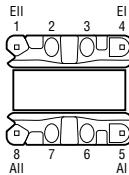
Click these links for more information:



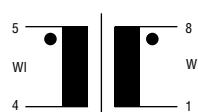
Packaging Specifications

Bulk..... 585 pcs. per tray

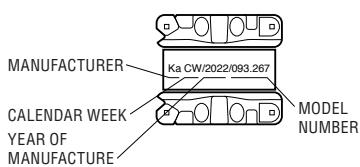
Windings



Schematic



Typical Part Marking



*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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WARNING

Cancer and Reproductive Harm
www.P65Warnings.ca.gov

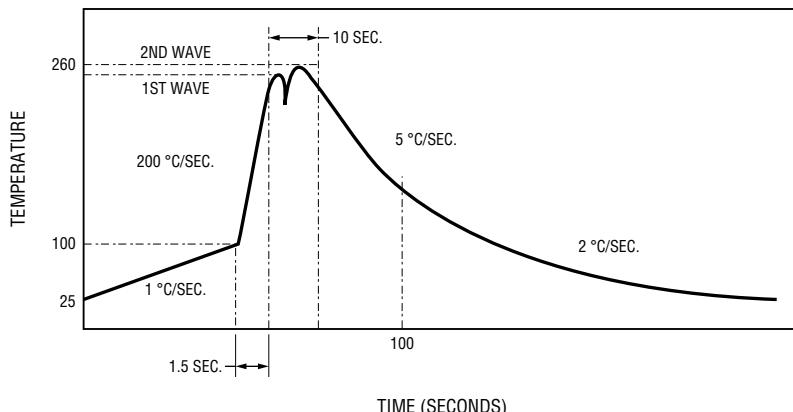
Applications

- Common mode choke
- Designed for use in SMPS applications based on semiconductors from various AC-DC conversion silicon manufacturers

Model 093267 SP-E 16/5 EMC Filter Choke

BOURNS®

Solder Profile



Profile Feature	Pb-Free Assembly
Average ramp-up rate	~ 200 °C/second
Heating rate during preheat	typical 1-2 °/second max. 4 °/second
Final preheat temperature	within 125 °C of soldering temperature
Peak temperature T_p	260 °C
Time within +0 °C / -5 °C of actual peak temperature	10 seconds
Ramp-down rate	5 °C/second max.

BOURNS®

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