

Features

- Compact size
- High current
- Wide impedance range
- RoHS compliant* and halogen free**

Applications

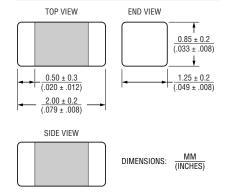
■ EMI suppression in power supplies and RF lines

MH2029-T Series - High Current Chip Ferrite Beads

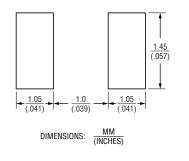
Electrical Specifications @ 25 °C

Model Number	Impedance (Ω) at 100 MHz / 60 mV	DC Resistance (Ω) Max.	Rated Current (mA) Max.
MH2029-300T	30 ±25 %	0.004	8500
MH2029-700T	70 ±25 %	0.009	6000
MH2029-111T	110 ±25 %	0.013	5000
MH2029-181T	180 ±25 %	0.02	4000
MH2029-331T	330 ±25 %	0.04	2800
MH2029-471T	470 ±25 %	0.05	2500
MH2029-601T	600 ±25 %	0.06	2300
MH2029-102T	1000 ±25 %	0.12	1600

Product Dimensions



Recommended Land Pattern



Additional Information

Click these links for more information:











HNICAL INVENTORY S

AMPLES C

CONTACT

General Specifications

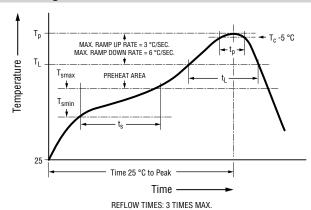
Operating Temperature-55 °C to +125 °C

ESD Classification (HBM).....N/A

Equivalent Circuit



Soldering Profile



Profile Feature	Pb Free Assembly
Preheat - Temperature Min. (T _{smin}) - Temperature Max. (T _{smax}) - Time(t _s) from T _{smin} to T _{smax}	150 °C 200 °C 60-120 seconds
Ramp-up Rate (T _L to T _p)	3 °C/second max.
Liquidous temperature (T _L) Time (t _L) maintained above T _L	217 °C 60-150 seconds
Peak package body temperature (T _p)	260 °C
Time (t _p) at T _c - 5 °C (T _p should be equal to or less than T _c)	< 30 seconds
Ramp-Down Rate (Tp to TL)	6 °C/second max.
Time 25 °C to Peak Temperature	8 minutes max.

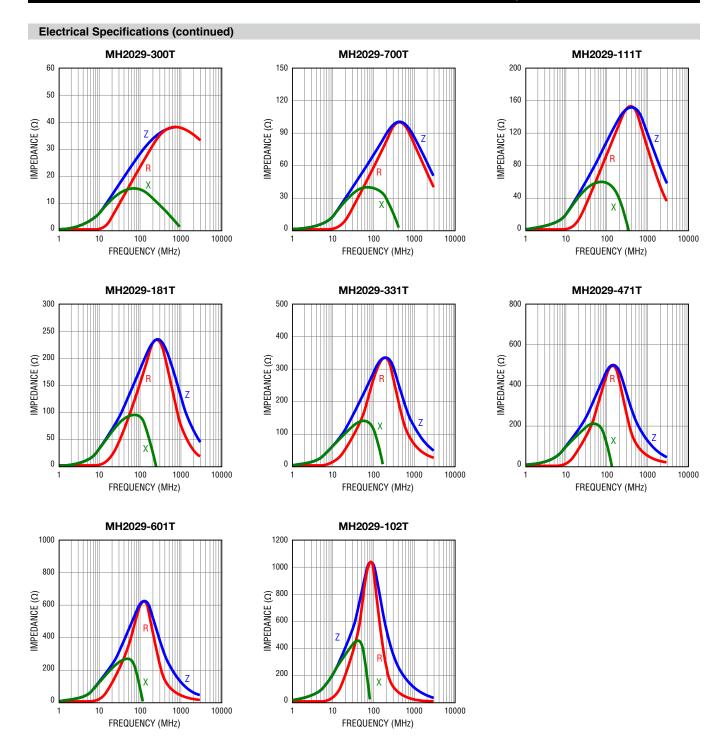


WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

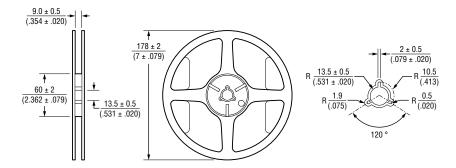
^{*}RoHS Directive 2015/863, Mar 31, 2015 and Annex.

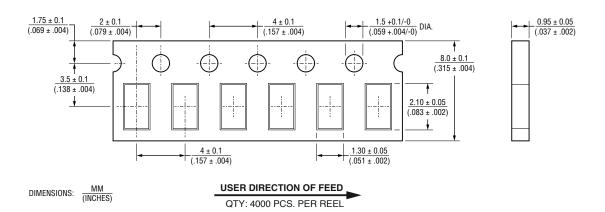
^{**}Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

MH2029-T Series – High Current Chip Ferrite Beads



Packaging Specifications





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