

# MEDICAL GRADE COMMON MODE CHOKE



## MX5013



- Good for use in Medical Switch Mode Power Supply applications
- Complies with IEC60950 and UL60601 reinforced isolation
- Designed for LF attenuation
- Operating Temperature: 0°C to +100°C
- RoHS Compliant Product
- Custom design available upon request

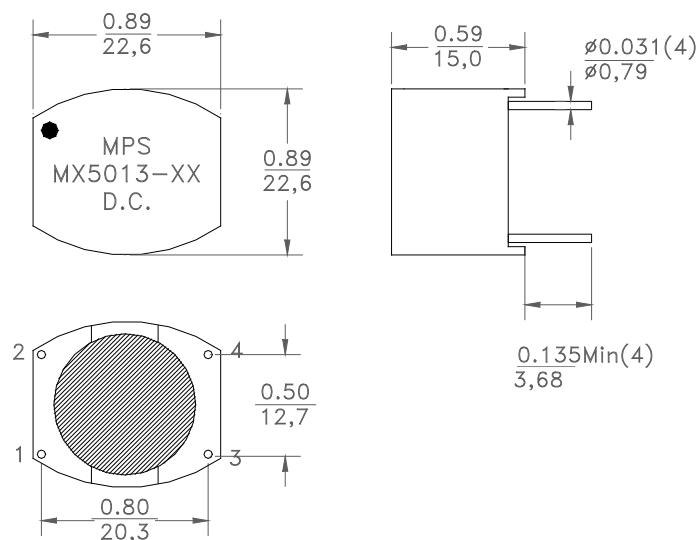
## ELECTRICAL SPECIFICATION @ 25°C

| Part No.<br>MX5013- | OCL 1KHz<br>mH Min<br>(1-2) | DCR<br>Ω Max<br>(1-2) | I <sub>RMS</sub><br>A<br>Max |
|---------------------|-----------------------------|-----------------------|------------------------------|
| 102                 | 1.0                         | 0.030                 | 3.5                          |
| 202                 | 2.0                         | 0.150                 | 1.5                          |
| 302                 | 3.0                         | 0.500                 | 1.0                          |
| 502                 | 5.0                         | 1.000                 | 0.5                          |

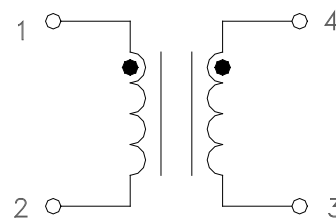
### Note:

- Turns Ratio: 1:1 ±5% (1-2 to 4-3)
- Hipot: 4000VRMS (1-2 to 4-3)
- Polarity: 1 and 4 are in phase
- I<sub>RMS</sub>: Temperature change of 40°C rise max at rated I<sub>RMS</sub>

## MECHANICAL



## SCHEMATIC



### Dimensions

Unless otherwise specified, all tolerances are:  
 inch: .XX : ±0.015 .XXX : ±0.004  
 mm: X,X : ±0,38 X,XX : ±0,10

Product performance is limited to specified parameters.  
 Data is subject to change without prior notice.

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