

# MEDICAL GRADE COMMON MODE CHOKE



## MX5012



- 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

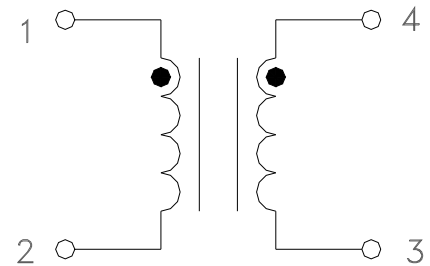
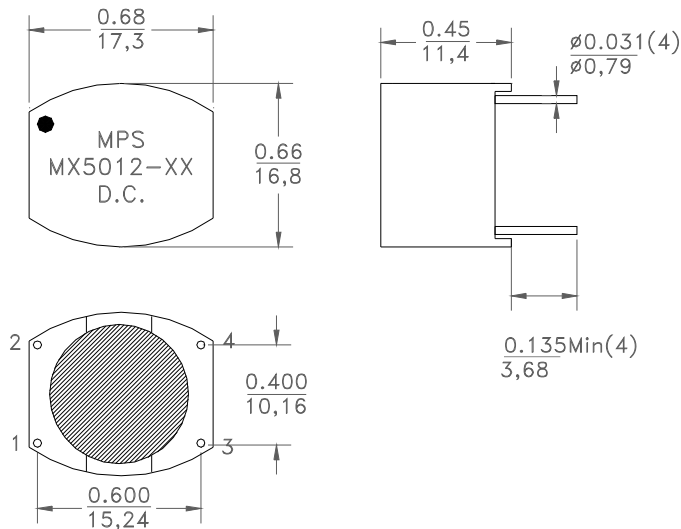
Part No	OCL 1KHz mH Min	DCR Ω Max	I <sub>RMS</sub> A
MX5012-	(1-2)	(1-2)	Max
501	0.5	0.030	4.0
102	1.0	0.050	3.0
202	2.0	0.200	1.0
302	3.0	0.500	0.5

**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 35°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 parameter. Data is subject to change without prior notice.

MX5012  
0901JW