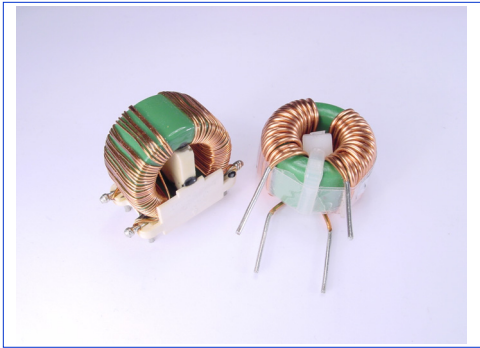


COMMON MODE CHOKE



P52TM16 SERIES



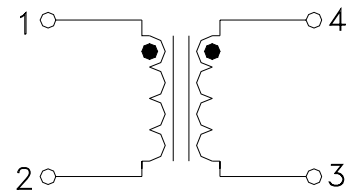
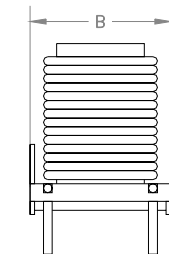
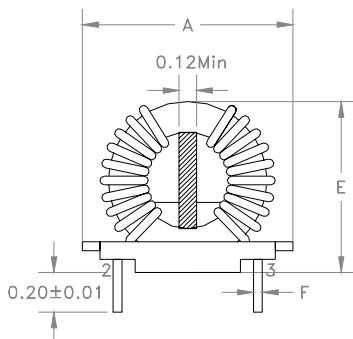
- RoHS Compliant Product
- Operating Temperature: -40°C to +85°C
- Custom design available
- Hipot: 2000V_{RMS} (1-2 to 4-3)
- Turns Ratio: 1:1 (1-2 to 4-3)
- Inductance tested @ 1KHz, 0.1V_{RMS} (1-2, 4-3)
- Polarity: 1 and 4 are in phase
- Polarity: ΔT of 35°C temperature rise at rated I_{RMS}

ELECTRICAL SPECIFICATION @ 25°C

PART NO	L Min (mH)	RATED I _{RMS} (A)	DCR Max (Ω)	DIM A Max	DIM B Max	DIM C ± 0.010 "	DIM D ± 0.010 "	DIM E Max	DIM F ± 0.005 "
P52TM16-									
303-2.3	30.0	2.3	0.330	1.35	0.81	0.900	0.600	1.45	0.050
203-2.9	20.0	2.9	0.210	1.35	0.81	0.900	0.600	1.45	0.050
123-4	12.0	4.0	0.110	1.35	0.81	0.900	0.600	1.45	0.050
802-5.6	8.0	5.6	0.055	1.35	0.81	0.900	0.600	1.45	0.050
502-8.9	5.0	8.9	0.022	1.45	0.81	0.900	0.600	1.50	0.043
252-12.5	2.5	12.5	0.011	1.45	0.81	0.900	0.600	1.50	0.053
122-16	1.2	16.0	0.006	1.50	0.81	0.900	0.600	1.53	0.060
503-2.3	50.0	2.3	0.450	1.55	0.81	0.900	0.600	1.65	0.050
363-2.9	36.0	2.9	0.300	1.55	0.81	0.900	0.600	1.65	0.050
732-9.3	7.3	9.3	0.032	1.65	0.81	0.900	0.600	1.65	0.043

Mechanical

Schematic



Dimensions

Unless otherwise specified, all tolerances are:

inch: .XX : ± 0.015 .XX : ± 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.

P52TM16-XXX
05473W

2463 208th, Ste. 205
Torrance, CA 90501

Phone: (310)533-1455
Fax: (310)533-1853

<http://www.mpsind.com>
Email: sales@mpsind.com