



123 Series High Current Toroidal Inductors

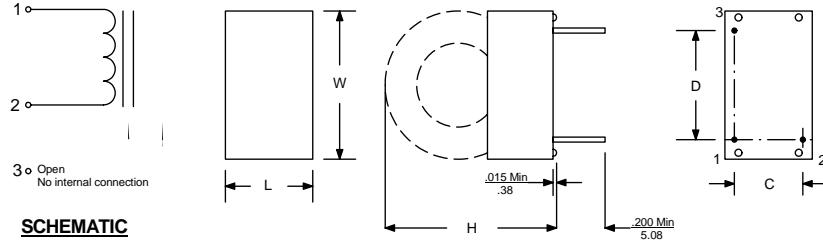
Features

- Single layer and cost effective design
- Semi-encapsulated construction
- Designed for high frequency power supply applications
- Available without case upon request
- RoHS Compliant starting with Date Code 0452
- Tinned Leads with Leaded Solder is Available (note 1)



ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Inductance @ no load μH +20%/-12%	DCR Ohms (Max)	Dimensions Inches mm					Lead Dia. Inches ±0.003	Inductance μH (Typ) @ IDC	IDC Amps
			L	W	H	D	C			
PT12310	40.0	0.007	0.80 20.32	1.60 40.64	1.72 43.68	0.90 22.86	0.60 15.24	0.081	17.0	17.0
PT12311	70.0	0.009	0.91 23.11	1.95 49.53	2.00 50.80	1.20 30.48	0.70 17.78	0.081	32.0	16.0
PT12312	120.0	0.012	1.11 28.19	2.30 58.42	2.30 58.42	1.50 38.10	0.90 22.86	0.081	60.0	16.0
PT12313	28.0	0.009	0.55 13.97	1.20 30.48	1.20 30.48	0.80 20.32	0.40 10.16	0.057	14.0	10.0
PT12314	45.0	0.012	0.80 20.32	1.44 36.57	1.44 36.57	0.90 22.86	0.60 15.24	0.057	23.0	11.0
PT12315	86.0	0.018	0.80 20.32	1.60 40.64	1.72 43.68	0.90 22.86	0.60 15.24	0.057	43.0	10.0
PT12316	180.0	0.025	0.91 23.11	1.95 49.53	2.00 50.80	1.20 30.48	0.70 17.78	0.057	78.0	10.0
PT12317	260.0	0.032	1.11 28.19	2.30 58.42	2.30 58.42	1.50 38.10	0.90 22.86	0.057	144.0	10.0
PT12318	60.0	0.025	0.55 13.97	1.20 30.48	1.20 30.48	0.80 20.32	0.40 10.16	0.040	32.0	6.5
PT12319	92.0	0.032	0.80 20.32	1.44 36.57	1.44 36.57	0.90 22.86	0.60 15.24	0.040	52.0	7.0
PT12320	188.0	0.048	0.80 20.32	1.60 40.64	1.72 43.68	0.90 22.86	0.60 15.24	0.040	98.0	6.0
PT12321	315.0	0.068	0.91 23.11	1.95 49.53	2.00 50.80	1.20 30.48	0.70 17.78	0.040	175.0	6.0
PT12322	570.0	0.095	1.11 28.19	2.30 58.42	2.30 58.42	1.50 38.10	0.90 22.86	0.040	335.0	6.0
PT12323	325.0	0.200	0.90 22.86	1.30 33.02	1.40 35.56	0.75 19.05	0.66 16.76	0.051	280.0	3.5
PT12324	1000.0	0.130	0.80 20.32	1.60 40.64	1.72 43.68	0.90 22.86	0.60 15.24	0.036	470.0	3.5



SCHEMATIC

INCHES XXX±.010
MILLIMETERS .XX±.25

Notes:

1. For non-RoHS parts, replace PT prefix with 42- (e.g. PT12310 becomes 42-12310).
2. Terminal finish is compliant to RoHS requirements

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All specifications are subject to change without notice.