

# SMT High Current Toroid Inductors

## Special Features

- DC-DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Ideal for reflow soldering
- Low cost
- Operating temperature -55 to +105°C

## Notes

- \* Current to cause 30°C maximum temperature rise

1.20

0.90

1.00  
Max.

0.70

0.20

Pad Layout

A

Dimensions: Inches

PM2110 Series					
Part Number	L (uH) @ 1KHz ±20%	Idc* (A)	L (uH) @ Rated I ±20%	DCR (Ω) Max.	Dim. A Max.
PM2110-1R0M	1.0	22.7	0.8	0.002	0.57
PM2110-1R2M	1.2	20.3	1.0	0.002	0.57
PM2110-1R5M	1.5	20.3	1.2	0.002	0.57
PM2110-1R8M	1.8	18.5	1.4	0.003	0.57
PM2110-2R2M	2.2	17.2	1.7	0.003	0.57
PM2110-2R7M	2.7	16.0	2.0	0.004	0.57
PM2110-3R3M	3.3	16.0	2.5	0.004	0.57
PM2110-3R9M	3.9	15.1	2.8	0.004	0.57
PM2110-4R7M	4.7	14.4	3.4	0.004	0.57
PM2110-5R6M	5.6	13.7	3.9	0.005	0.57
PM2110-6R8M	6.8	13.1	4.6	0.005	0.57
PM2110-8R2M	8.2	12.6	5.5	0.006	0.57
	±10%		±10%		
PM2110-100K	10	11.7	6.5	0.007	0.57
PM2110-120K	12	11.3	7.6	0.007	0.57
PM2110-150K	15	10.7	9.2	0.008	0.57
PM2110-180K	18	10.2	10.7	0.009	0.57
PM2110-220K	22	9.7	12.7	0.010	0.57
PM2110-270K	27	8.2	16.0	0.014	0.54
PM2110-330K	33	7.0	20.1	0.019	0.52
PM2110-390K	39	6.8	23.2	0.020	0.62
PM2110-470K	47	6.5	27.2	0.022	0.62
PM2110-560K	56	6.2	31.6	0.024	0.62
PM2110-680K	68	5.9	37.1	0.027	0.62
PM2110-820K	82	5.6	43.4	0.029	0.62
PM2110-101K	100	5.4	51.4	0.032	0.62
PM2110-121K	120	5.1	59.6	0.035	0.62
PM2110-151K	150	4.3	77.3	0.049	0.59
PM2110-181K	180	3.7	96.3	0.066	0.53
PM2110-221K	220	3.5	113.8	0.074	0.60
PM2110-271K	270	3.4	134.9	0.082	0.60
PM2110-331K	330	3.2	159.5	0.090	0.60
PM2110-391K	390	3.1	182.9	0.098	0.60
PM2110-471K	470	2.6	230.4	0.133	0.57
PM2110-561K	560	2.5	266.0	0.146	0.57
PM2110-681K	680	2.1	337.1	0.202	0.54
PM2110-821K	820	2.0	394.1	0.221	0.60
PM2110-102K	1000	1.9	463.7	0.244	0.60

Also available as RoHS compliant.

