

# SMD POWER INDUCTOR



## PX13316 SERIES

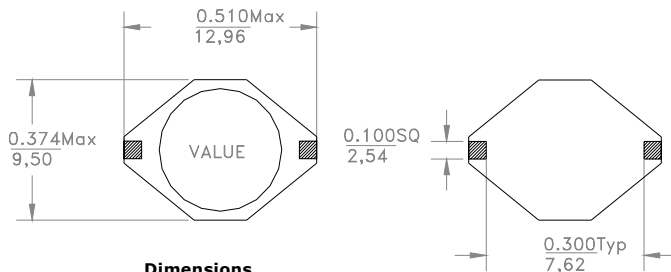


- RoHS Compliant Product
- Operating Temperature: -40°C to +85°C
- Inductance tested @ 100KHz, 0.1V<sub>RMS</sub>
- Add -M for 20% standard inductance tolerance  
Optional inductance tolerance: K=±10%, L=±15%
- I<sub>SAT</sub>: 10% inductance drop typical @ I<sub>SAT</sub>
- I<sub>RMS</sub>: ΔT=40°C Temperature rise typical @ I<sub>RMS</sub>

## ELECTRICAL SPECIFICATION @ 25°C

Part Number	L ±20% (μH)	DCR Max (mΩ)	SRF MHz Typical	I <sub>SAT</sub> (A)	I <sub>RMS</sub> (A)
PX13316-102	1.0	9	100	9.0	6.8
PX13316-152	1.5	10	90	8.0	6.4
PX13316-222	2.2	12	80	7.0	6.1
PX13316-332	3.3	15	65	6.4	5.4
PX13316-472	4.7	18	45	5.4	4.8
PX13316-682	6.8	27	38	4.6	4.4
PX13316-103	10	38	30	3.8	3.9
PX13316-153	15	46	27	3.0	3.1
PX13316-223	22	85	19	2.3	2.7
PX13316-333	33	100	15	2.0	2.1
PX13316-473	47	140	12	1.6	1.8
PX13316-683	68	200	10	1.4	1.5
PX13316-104	100	280	9.0	1.2	1.3
PX13316-154	150	400	6.0	1.0	1.0
PX13316-224	220	610	5.0	0.8	0.8
PX13316-334	330	1020	4.5	0.6	0.6
PX13316-474	470	1270	3.5	0.5	0.5
PX13316-684	680	2020	2.5	0.4	0.4
PX13316-105	1000	3000	2.0	0.3	0.3

### Mechanical



#### Dimensions

Unless otherwise specified, all tolerances are:

inch: .XX : ± 0.015 .XXX : ±0.004

mm: X,X : ± 0,38 X,XX : ±0,10

### Schematic



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

PX13316-XX  
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