

SMD POWER INDUCTOR



PX13316 SERIES

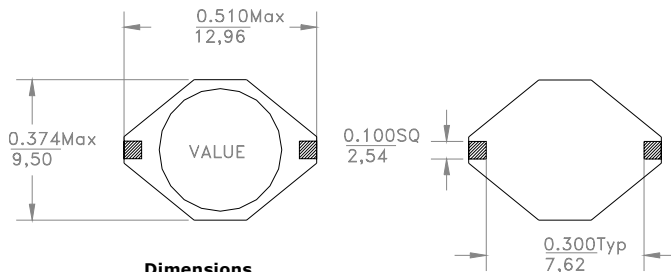


- RoHS Compliant Product
- Operating Temperature: -40°C to +85°C
- Inductance tested @ 100KHz, 0.1V_{RMS}
- Add -M for 20% standard inductance tolerance
Optional inductance tolerance: K=±10%, L=±15%
- I_{SAT}: 10% inductance drop typical @ I_{SAT}
- I_{RMS}: ΔT=40°C Temperature rise typical @ I_{RMS}

ELECTRICAL SPECIFICATION @ 25°C

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