



## SPO1604 SERIES – Low Profile SMD Power Inductors

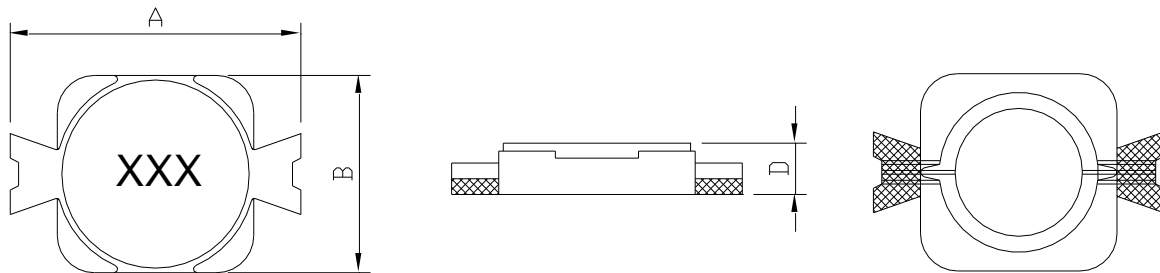


### PART NUMBERING SYSTEM

<b>SPO</b> TYPE	<b>1604</b> DIMENSIONS	–	<b>1R0M</b> INDUCTANCE	–	<b>LF</b> LEAD FREE
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### SHAPES AND DIMENSIONS

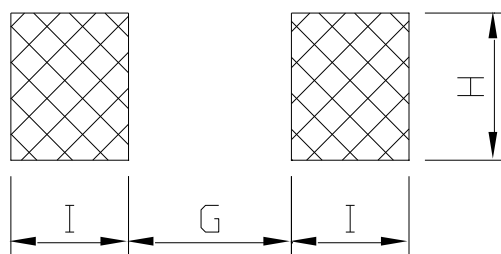
UNIT : mm



**A= 7.3 Max. B= 5.5 Max. D= 1.2 Max.**

### PCB LAYOUT

UNIT : mm



**A= 7.3 Max. B= 5.5 Max. D= 1.2 Max.**



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### SPECIFICATION TABLE

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR (m $\Omega$ ) (Max.)	IDC (A) (Typ.)	TEST FREQ. ( Hz )
SPO1604-1R0M-LF	1.0 $\pm$ 20%	55	3.00	1V/100K
SPO1604-1R5M-LF	1.5 $\pm$ 20%	65	2.60	1V/100K
SPO1604-2R2M-LF	2.2 $\pm$ 20%	100	2.10	1V/100K
SPO1604-3R3M-LF	3.3 $\pm$ 20%	180	1.70	1V/100K
SPO1604-4R7M-LF	4.7 $\pm$ 20%	300	1.30	1V/100K
SPO1604-6R8M-LF	6.8 $\pm$ 20%	370	1.15	1V/100K
SPO1604-100M-LF	10.0 $\pm$ 20%	570	1.00	1V/100K
SPO1604-150M-LF	15.0 $\pm$ 20%	720	0.85	1V/100K
SPO1604-220M-LF	22.0 $\pm$ 20%	1000	0.65	1V/100K
SPO1604-330M-LF	33.0 $\pm$ 20%	1900	0.55	1V/100K

1. Temp. rise 40°C Max. at IDC.
2. DC current at which the inductance drops 10%(typ) from its value without current.
3. Operating temperature : -40°C ---- +105°C.