

SMD POWER INDUCTORS" LowProfile"

SERIE: DLI5020 5,0 x 5,0 x 2,0 mm

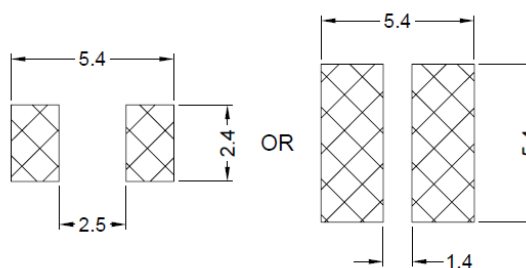
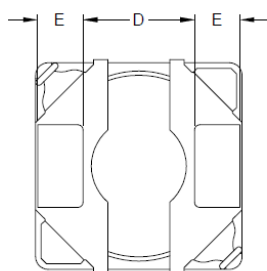
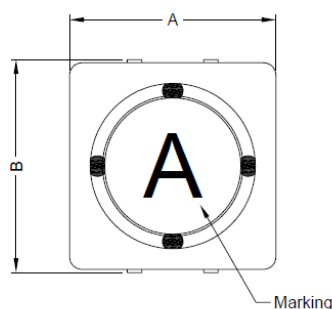


DIMENSIONS:

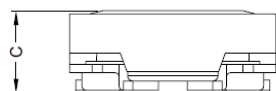
VPE: 3000 pcs.



RoHS Compliant



Recommended PCB Pattern



Unit:m/m

A	B	C	D	E	F	G
5.0±0.2	5.0±0.3	2.0 Max.	2.7 Typ.	1.16 Typ.	2.0 Typ.	1.5 Typ.

SCHEMATIC:



MATERIALS:

Core: Ferrite

GENERAL SPECIFICATION :

1. IDC1: Based on inductance change ($\Delta L/L_0A : \leq 30\%$) @ ambient temp. 25°C
2. IDC2: Based on temperature rise ($\Delta T: 40^\circ\text{C Typ.}$)
3. Rated Current: IDC1 or IDC2, whichever value is lower
4. Storage temp. : -40°C.....+105°C
5. Operating temp.: -40°C.....+105°C (include self temp. rise)
6. Resistance to solder heat : 260°C 10sec.

NOTE : Specifications subject to change without notice. Please check our website for latest information

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ELECTRICAL CHARACTERISTICS

Part. No.	Inductance (uH)		Test Frequency (Hz)	RDC (mΩ) ± 20%	IDC (A)	IDC (2)	Marking
DLI5020 - 1R0SWE	1,0	30%	0,1V / 100K	43	3,8	2,6	A
DLI5020 - 2R2SWE	2,2	30%	0,1V / 100K	61	2,6	2,2	E
DLI5020 - 2R7SWE	2,7	30%	0,1V / 100K	75	2,1	2	F
DLI5020 - 4R7SWE	4,7	20%	0,1V / 100K	100	1,8	1,7	I
DLI5020 - 6R8SWE	6,8	20%	0,1V / 100K	110	1,4	1,6	K
DLI5020 - 100SWE	10,0	20%	0,1V / 100K	130	1,1	1,5	M
DLI5020 - 220SWE	22,0	20%	0,1V / 100K	230	0,75	1	Q
DLI5020 - 470SWE	47,0	20%	0,1V / 100K	400	0,55	0,75	U
DLI5020 - 680SWE	68,0	20%	0,1V / 100K	650	0,46	0,5	W

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