

INDUCTORS

FOR POWER LINE SMD

SPI-04025RNEF-SERIES

FEATURES

1. Low profile and small size (Height=1.80mm Max)
2. High current capacity, Large terminal surface for good PCB bonding



APPLICATIONS

1. Digital Camera, Portable CDR-W, Camcorder and others

ELECTRICAL CHARACTERISTICS

Part Number	L \pm 20% (uH)	Marking	DCR(Ω) MAX	Isat(A)	Irms(A)
SPI-04025RNEF-1R0	1.0	A	0.025	1.50	3.52
2R2	2.2	B	0.040	1.40	2.78
3R3	3.3	C	0.048	1.20	2.42
3R5	3.5	D	0.050	1.00	2.36
4R7	4.7	E	0.058	0.90	2.07
5R6	5.6	F	0.065	0.80	2.00
6R6	6.6	G	0.072	0.70	1.92
6R8	6.8	H	0.073	0.65	1.88
8R2	8.2	I	0.080	0.60	1.80
100	10	J	0.093	0.55	1.72
150	15	K	0.131	0.50	1.45
220	22	L	0.194	0.45	1.02
330	33	M	0.280	0.40	0.95
470	47	N	0.380	0.35	0.81

Note1. Measurement frequency of Inductance value : at 100KHz

Note2. Measurement ambient temperature of L, DCR and IDC : at 25°C

Note3. Isat : $\Delta L/L \leq 30\%$ (This indicates the value of current when the inductances is 30% lower than its initial value at D.C. superimposition)

Note4. Irms:D.C. current when at $\Delta t=40^\circ\text{C}(\text{typ.})$.($T_a=25^\circ\text{C}$)

Note5. Packaging: Taping ; Quantity : 2000 Piece/reel

DIMENSIONS(Unit:mm)

