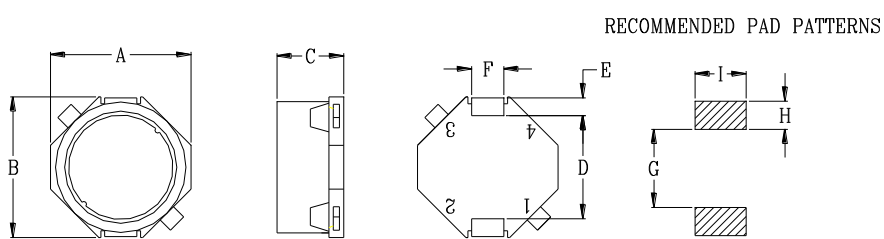




DELTA P/N : SIWC1365 Series

Mechanical dimensions



Dimensions (Unit : mm)

A	13.0 MAX
B	13.0 MAX
C	6.5 ± 0.3
D	8.6 ± 0.1
E	2.0
F	4.0
G	7.6
H	3.0
I	5.0

Electrical Characteristics @25°C 1KHz, 1V

Delta P/N	L ¹ (uH)	DCR (mΩ) MAX	I _{rated} ² (Adc)
SIWC1365-0R9	0.9	10	11
SIWC1365-1R5	1.5	12	10
SIWC1365-2R2	2.2	14	9
SIWC1365-3R0	3.0	16	8
SIWC1365-3R9	3.9	18	6.5
SIWC1365-5R4	5.4	20	6
SIWC1365-6R5	6.5	21	5.5
SIWC1365-8R2	8.2	22	5
SIWC1365-100	10	24	4.8
SIWC1365-120	12	26	4.6
SIWC1365-150	15	29	4.2
SIWC1365-180	18	34	3.7
SIWC1365-220	22	38	3.5
SIWC1365-270	27	44	3.2
SIWC1365-330	33	50	2.8
SIWC1365-390	39	60	2.6
SIWC1365-470	47	70	2.4
SIWC1365-560	56	90	2.2
SIWC1365-680	68	100	2.0
SIWC1365-820	82	138	1.8
SIWC1365-101	100	150	1.6
SIWC1365-121	120	185	1.4
SIWC1365-151	150	220	1.3
SIWC1365-181	180	250	1.1
SIWC1365-221	220	330	1.0
SIWC1365-271	270	395	0.95
SIWC1365-331	330	490	0.90
SIWC1365-391	390	564	0.80
SIWC1365-471	470	640	0.75
SIWC1365-561	560	800	0.68
SIWC1365-681	680	970	0.60
SIWC1365-821	820	1300	0.55
SIWC1365-102	1000	1500	0.45

1. Tolerance of inductance : ± 20%
2. I_{rated} is the DC current which cause the inductance drop less than 20% of it's nominal inductance without current and the surface temperature of the part increase less than 45 °C.
3. Operating temperature: -40°C to 125°C (Self-temperature rise included).