

Type:SMHL1005

◆ Product Description

- 1.15×0.65mm Max.(L×W),0.65mm Max. Height.
- DCR Range: 0.7~3.2 Ω
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

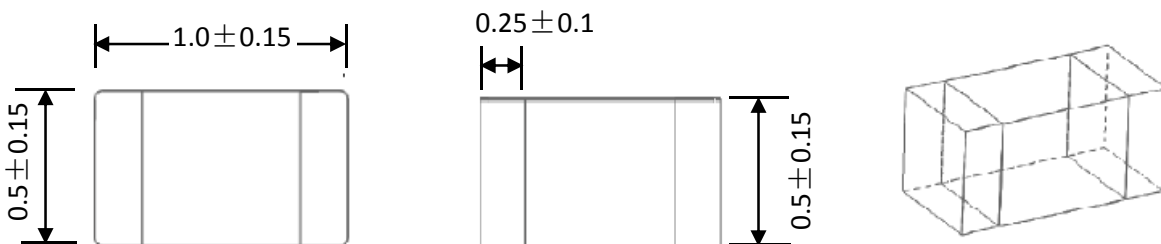
◆ Feature

- Higher self-resonant frequency than SMCL series inductors
- Ultra miniature size and light weight
- No polarity
- Excellent solderability and high heat resistance

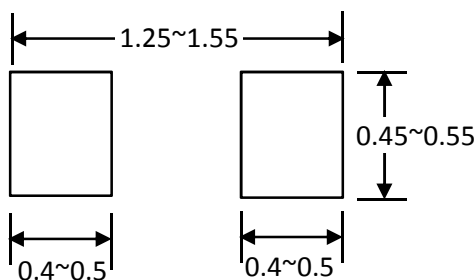
◆ Application

- Bluetooth module
- CDMA,TDMA,GSM,PCS phone
- RF module of telecommunication products,such as cellular phone ,cordless telephone,pager ,etc
- Power AMP module
- Computer communications, radar detectors

◆ Dimensions (mm)



◆ Land Pattern (mm)

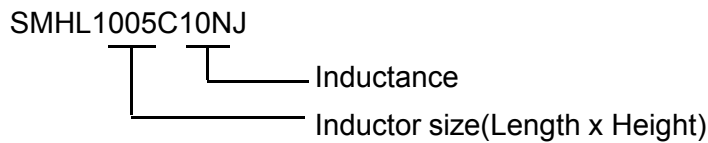


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◆ Specification

Suntek Part Number	System Code	Inductance (nH)	Min. Quality Factor	L, Q Test Freq.	Typical Q @Freq.(MHz)						S.R.F (MHz)	DC R(Ω)	I _r (mA) Max.	Thickness (mm)
					100	300	500	800	1000	1800				
SMHL1005C10NJ		10	5.5	100	7	11	15	19	19	25	5400	0.7	200	0.5±0.15
SMHL1005C12NJ		12	7.0	100	7.5	12	15	20	20	27	4100	0.8	200	
SMHL1005C15NJ		15	7.0	100	7.5	12	15	20	20	26	4000	0.9	200	
SMHL1005C18NJ		18	7.0	100	8	13	16	21	21	26	3700	1.0	150	
SMHL1005C22NJ		22	7.0	100	8.5	13	17	23	23	28	3500	1.2	150	
SMHL1005C27NJ		27	7.0	100	8.5	13	17	23	23	28	3400	1.5	150	
SMHL1005C33NJ		33	7.0	100	8.3	13	17	23	23	28	3200	1.8	150	
SMHL1005C39NJ		39	7.0	100	8	14	17	21	21	24	2500	2.0	100	
SMHL1005C47NJ		47	7.0	100	8.8	14	18	24	24	29	2400	2.2	100	
SMHL1005C56NJ		56	7.0	100	8.8	14	18	24	24	29	2300	2.5	100	
SMHL1005C68NJ		68	7.0	100	8.6	14	17	24	24	29	2200	2.7	100	
SMHL1005C82NJ		82	7.0	100	8	13	17	20	20	16	2100	2.9	100	
SMHL1005CR10J		100	7.0	100	8	13	17	20	20	13	2000	3.2	100	

※Description of Part Name



Note:

1. Operating Temperature is -55°C~+125°C.
2. The product with tolerance less than ±5% is also available .