

Type:SMFL 1005

◆ Product Description

- 1.15×0.65mm Max.(L×W),0.65mm Max. Height.
- DCR Range: 0.45~2.7Ω
- In addition to the standards versions shown here,
custom inductors are also available to meet your exact requirements.

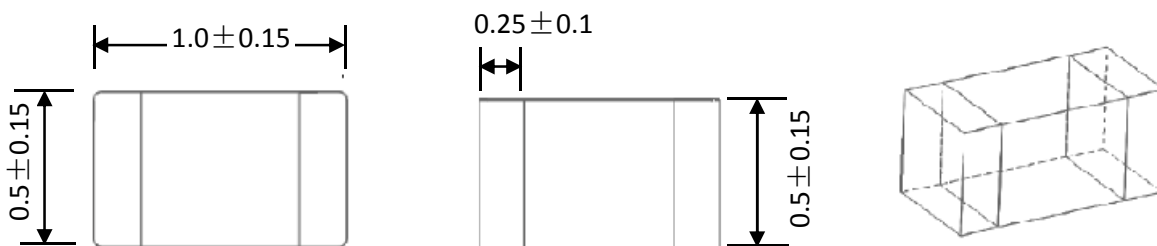
◆ Feature

- Monolithic structure for high reliability
- Compact size inductor possible
- No cross coupling due to magnetic shield
- Perfect shape for mounting with no directionality
- Excellent solderability and high heat resistance for reflow soldering or wave soldering

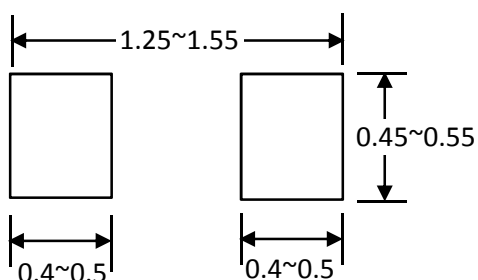
◆ Application

- Widely use in Communications,Video and audio equipment ,Computer ,Remote control,etc

◆ Dimensions (mm)



◆ Land Pattern (mm)

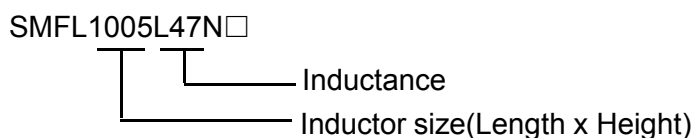


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◆ Specification

Suntek Part Number	System Code	Inductance (μh)	Min. Quality Factor	L,Q Test Freq.L/Q	S.R.F (MHz)	DCR (Ω) Max.	Ir (mA) Max.	Thickness (mm)
SMFL1005L47N□		0.047	10	50	220	0.45	25	0.5±0.15
SMFL1005L68N□		0.068	10	50	210	0.45	25	
SMFL1005L82N□		0.082	10	50	200	0.45	25	
SMFL1005LR10□		0.10	10	25	200	0.8	25	
SMFL1005LR12□		0.12	10	25	165	0.8	25	
SMFL1005LR15□		0.15	10	25	140	0.9	25	
SMFL1005LR18□		0.18	10	25	120	0.9	25	
SMFL1005LR22□		0.22	10	25	110	1.2	25	
SMFL1005LR27□		0.27	15	25	95	1.2	25	
SMFL1005LR33□		0.33	15	25	85	1.25	18	
SMFL1005QR39□		0.39	20	10	85	0.6	15	
SMFL1005QR47□		0.47	20	10	80	0.7	15	
SMFL1005QR56□		0.56	20	10	75	0.8	15	
SMFL1005QR68□		0.68	20	10	70	0.9	15	
SMFL1005QR82□		0.82	20	10	65	0.9	15	
SMFL1005P1R0□		1.0	20	10	60	1.0	15	
SMFL1005P1R2□		1.2	20	10	55	1.25	15	
SMFL1005P1R5□		1.5	20	10	50	1.4	15	
SMFL1005P1R8□		1.8	20	10	45	1.55	15	
SMFL1005P2R2□		2.2	20	10	40	1.7	10	
SMFL1005Q1R0□		1.0	20	10	40	0.9	15	
SMFL1005Q1R2□		1.2	20	10	35	1.2	15	
SMFL1005Q1R5□		1.5	20	10	30	1.2	15	
SMFL1005Q1R8□		1.8	20	10	30	1.45	15	
SMFL1005Q2R2□		2.2	20	10	28	1.7	10	
SMFL1005Q2R7□		2.7	20	10	28	2.4	10	
SMFL1005Q3R3□		3.3	20	10	28	2.7	10	

※Description of Part Name



Note:

Operating Temperature is -40℃~+85℃.