

Type:SNR3010

◆ Product Description

- 3.1×3.1mm Max.(L×W),1.0mm Max. Height.
- Inductance Range: 1.0~47.0 μH
- In addition to the standards versions shown here,
- custom inductors are also available to meet your exact requirements.



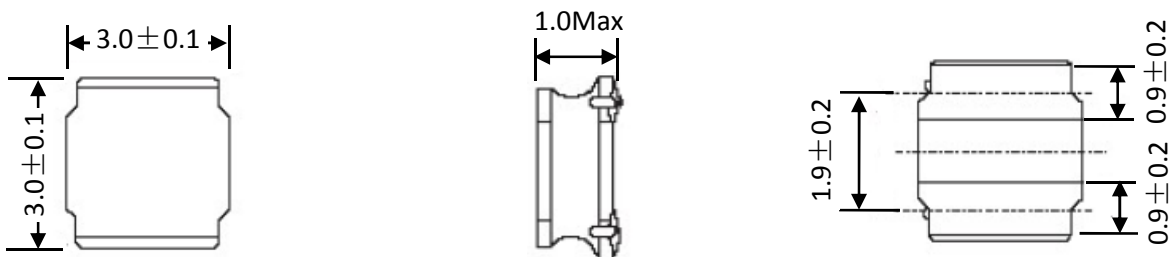
◆ Feature

- . Small and low profile inductor
- . It corresponds to high current
- . Simple and original magnetic shield structure
- . Structure strong against a shock-proof

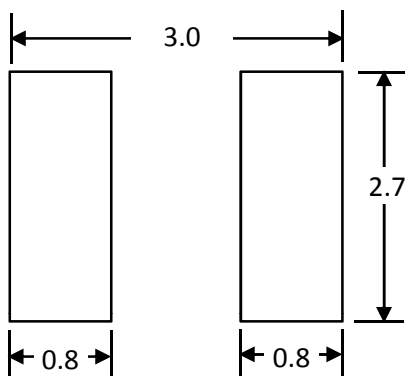
◆ Application

- . For Small DC/DC converter(cellular Phone,HDD,DVC,DSC,PDA,LCD display etc

◆ Dimensions (mm)



◆ Land Pattern (mm)

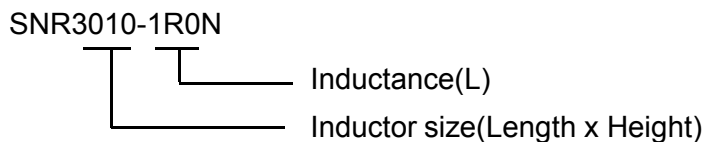


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◆ Specification

Suntek Part Number	System code	Inductance (μH)	Self-resonant frequency [Mhz](min)	DCR (Ω)(±20%)	Rated Current(mA)		Measuring frequency[KHZ]
					Saturation Current IDC1	Temperature rise current IDC2	
SNR3010-1R0N		1.0	126	0.065	1300	1400	100
SNR3010-1R5N		1.5	98	0.080	1200	1300	
SNR3010-2R2M		2.2	82	0.095	1100	1100	
SNR3010-3R3M		3.3	63	0.140	870	940	
SNR3010-4R7M		4.7	56	0.190	750	780	
SNR3010-6R8M		6.8	46	0.300	610	630	
SNR3010-100M		10	35	0.450	500	510	
SNR3010-150M		15	30	0.740	400	400	
SNR3010-220M		22	25	1.030	350	350	
SNR3010-330M		33	20	1.550	260	275	
SNR3010-470M		47	17	2.05	220	235	

※Description of Part Name



Note:

1. The saturation current value(IDC1) is the DC Current value having Inductance decrease down to30%.(at20℃)
2. The temperature rise current value(IDC2) is the DC current value having temperature increase up to 40℃。(20℃)
3. The rated current is the DC current value that satisfies both of current value saturation current value and temperature rise current value.