

OWIRH104R-1R0

SMD Power inductor



Description

Square type, short corner, asymmetrical

Features

RoHS, Halogen Free and REACH Compliance
 Shielded power inductor
 Various package sizes
 Wide inductance range

Applications

Power supply for VTR, OA equipment
 LCD television, notebook PC
 Portable communication equipment
 DC/DC converters, etc.

General Specifications

Test Voltage	0.25V
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40°C to +125°C
Storage Temp	0~40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current Temperature Rise	L drops off 35% typ at Isat

Inductance [μ H]	Ltol.	Test freq.	DCR [$m\Omega$]	Isat [A]	I _{rms} [A]	I _{rated} [mA]	I _{dc max} [mA]	Q (min)	SRF[MHz]
1.00	K, L, M, N	100 kHz	7.50	10.50					

When ordering please specify tolerance code Tolerance: K=±10%, L=±15%, M=±20%, N=±30%

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
10.30	10.50	4.00	1.2	7.7	3	13.5	3.2	1.6	7.3	
Max	Max	Max	Ref	Ref	Ref	Ref	Ref	Ref	Ref	

