

OWIRH4D18-1R0

SMD Power inductor



Description

Gold plating metal base, 2pins

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	L drops off 35% typ at Isat
Temperature Rise	

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	45.00	1.72					

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
4.70	4.70	2.00	6.9	1.5			5.3	1.9	1.5	
±0.3	±0.3	Max	Max	Ref			Ref	Ref	Ref	

