

OWIB7045C-1R0

SMD Power inductor



Description

Inductor

Features

RoHS, Halogen Free and REACH Compliance
 Magnetic shielded
 Various package size and wide inductance range

Applications

AP Routers
 STBs
 LCD TVs and monitors
 Game consoles
 LED lightings
 DC/DC converters

General Specifications

Test Voltage	0.25V
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40°C to +125°C
Storage Temp	3 to 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	40°C typ. at Irms

Inductance [μ H]	Ltol.	Test freq.	DCR [$m\Omega$]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
1.00	K, L, M, P, N	100 kHz	18.00	3.50	3,8				

When ordering please specify tolerance code Tolerance: K=±10%, L=±15%, M=±20%, P=±25%, N=±30%

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.00	7.00	4.50	2	1.5	4		2.2	2.15	3.7	Fig.2
±0.3	±0.3	±0.3	Ref	Ref	Ref		Ref	Ref	Ref	

