

OWIRH0704

SMD power inductor



Description

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	40°C typ. at Irms

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWIRH0704-1R0	18.00	8.50					
OWIRH0704-1R5	25.00	6.00					
OWIRH0704-2R2	30.00	5.00					
OWIRH0704-2R5	32.00	4.80					
OWIRH0704-3R3	35.00	3.50					
OWIRH0704-4R7	40.00	3.00					
OWIRH0704-6R8	45.00	2.50					
OWIRH0704-100	49.00	1.84					
OWIRH0704-120	58.00	1.71					
OWIRH0704-150	81.00	1.47					
OWIRH0704-180	91.00	1.31					
OWIRH0704-220	110.00	1.23					
OWIRH0704-270	150.00	1.12					
OWIRH0704-330	170.00	0.96					
OWIRH0704-390	230.00	0.91					
OWIRH0704-470	260.00	0.88					
OWIRH0704-560	350.00	0.75					
OWIRH0704-680	380.00	0.69					
OWIRH0704-820	430.00	0.61					
OWIRH0704-101	610.00	0.60					
OWIRH0704-121	660.00	0.52					
OWIRH0704-151	880.00	0.46					
OWIRH0704-181	980.00	0.42					
OWIRH0704-221	1170.00	0.36					
OWIRH0704-271	1640.00	0.34					
OWIRH0704-331	1860.00	0.32					
OWIRH0704-391	2850.00	0.29					
OWIRH0704-471	3010.00	0.26					

OWIRH0704-561	3620.00	0.23
OWIRH0704-681	4630.00	0.22
OWIRH0704-821	5200.00	0.20
OWIRH0704-102	6000.00	0.18

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.50	7.50	4.50	2	5.1			3.1	2	4.4	Fig. 1
Max	Max	Max	Ref	Ref			Ref	Ref	Ref	

