

OWI54

CD winding series



Description
SMD Power inductor

Features
RoHS, Halogen Free and Reach compliant
Unshielded power inductor
Various package size and wide inductance range

Applications
Graphic cards
DC/DC Converters etc.

Characteristics

Test Voltage	1.0V
Parameters Test Temp	25°C
Operation Temp (Incl temp rise)	-40°C to +125°C
Storage Temp	0 to 40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	L drops off 10% typ at Isat
Temperature rise	40°C typ. at Irms

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWI54-1R0	1.00	25.00	5.00						Request samples
OWI54-1R2	1.20	30.00	4.00						Request samples
OWI54-1R5	1.50	35.00	4.00						Request samples
OWI54-2R2	2.20	40.00	3.00						Request samples
OWI54-2R7	2.70	45.00	3.00						Request samples
OWI54-3R3	3.30	48.00	3.00						Request samples
OWI54-3R9	3.90	55.00	3.00						Request samples
OWI54-4R7	4.70	60.00	2.00						Request samples
OWI54-6R8	6.80	65.00	2.00						Request samples
OWI54-100	10.00	85.00	1.00						Request samples
OWI54-120	12.00	100.00	1.00						Request samples
OWI54-150	15.00	120.00	1.00						Request samples
OWI54-180	18.00	150.00	1.00						Request samples
OWI54-220	22.00	170.00	1.00						Request samples
OWI54-270	27.00	200.00	1.00						Request samples
OWI54-330	33.00	230.00	1.00						Request samples
OWI54-470	47.00	350.00	1.00						Request samples
OWI54-680	68.00	460.00	1.00						Request samples
OWI54-820	82.00	600.00	1.00						Request

OWI54-101	100.00	700.00	1.00	Request samples
OWI54-121	120.00	770.00	-	Request samples
OWI54-151	150.00	1200.00	-	Request samples
OWI54-221	220.00	1570.00	-	Request samples
OWI54-331	330.00	1800.00	-	Request samples
OWI54-471	470.00	3000.00	-	Request samples
OWI54-561	560.00	3500.00	-	Request samples
OWI54-681	680.00	5100.00	-	Request samples
OWI54-821	820.00	5300.00	-	Request samples
OWI54-102	1000.00	7000.00	-	Request samples

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
5.80	5.20	4.50	2				5.5	2.4	2	
±0.3	±0.3	±0.3	Ref				Ref	Ref	Ref	

