

OWI75

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 (Including temperature 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	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWI75-1R0	15.00	5.50					
OWI75-1R5	18.00	5.00					
OWI75-2R2	22.00	4.50					
OWI75-3R3	30.00	4.00					
OWI75-4R7	35.00	3.60					
OWI75-5R6	38.00	3.30					
OWI75-6R8	40.00	3.10					
OWI75-8R2	50.00	2.70					
OWI75-100	70.00	2.30					
OWI75-120	80.00	2.00					
OWI75-150	90.00	1.80					
OWI75-180	100.00	1.60					
OWI75-220	110.00	1.50					
OWI75-270	120.00	1.30					
OWI75-330	130.00	1.20					
OWI75-390	160.00	1.10					
OWI75-470	180.00	1.10					
OWI75-560	240.00	0.94					
OWI75-680	280.00	0.85					
OWI75-820	370.00	0.78					
OWI75-101	430.00	0.72					
OWI75-121	470.00	0.66					
OWI75-151	640.00	0.58					
OWI75-181	710.00	0.51					
OWI75-221	960.00	0.49					
OWI75-331	1260.00	0.40					
OWI75-471	1890.00	0.33					
OWI75-561	2000.00	0.32					
OWI75-681	2560.00	0.26					

OWI75-821	3250.00	0.22
OWI75-102	3300.00	0.20

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.80 ±0.3	7.00 ±0.3	5.00 ±0.3	2.5 Ref				7.5 Ref	3.35 Ref	2.1 Ref	

