

OWI0630CB

SMD Power inductor



Description

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Features

RoHS, Halogen Free and REACH Compliance
Magnetically shielded and low DC resistance
Suitable for large currents.
Available on tape reel for auto-insertion
Ideal for a variety of DC-DC converter applications.

Applications

Power supply for VTR, OA equipment
LCD television set, 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 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	

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWI0630CB-1R0	15.40	3.59	3,84				
OWI0630CB-1R5	17.60	2.93	3,68				
OWI0630CB-2R0	22.00	2.62	3,55				
OWI0630CB-2R2	22.00	2.42	3,5				
OWI0630CB-3R3	28.60	2.00	3,4				
OWI0630CB-3R6	28.60	1.89	3,32				
OWI0630CB-4R7	36.30	1.66	3,04				
OWI0630CB-6R2	42.90	1.45	2,73				
OWI0630CB-6R8	45.10	1.40	2,6				
OWI0630CB-8R2	53.90	1.20	2,45				
OWI0630CB-100	64.90	1.14	2,32				
OWI0630CB-120	69.30	1.04	1,84				
OWI0630CB-150	82.50	0.93	1,77				
OWI0630CB-180	97.90	0.85	1,59				
OWI0630CB-220	126.50	0.77	1,2				
OWI0630CB-270	158.40	0.70	1,14				
OWI0630CB-330	184.80	0.63	1,08				
OWI0630CB-390	198.00	0.58	0,96				
OWI0630CB-470	247.50	0.53	0,91				
OWI0630CB-560	290.40	0.48	0,81				
OWI0630CB-680	356.40	0.44	0,73				
OWI0630CB-820	435.60	0.40	0,71				
OWI0630CB-101	547.80	0.36	0,64				
OWI0630CB-151	811.80	0.31	0,48				
OWI0630CB-221	1540.00	0.28	0,36				
OWI0630CB-331	2310.00	0.18	0,22				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.30	6.30	3.10	2				2.4	1.45	4.3	Fig.1
Max	Max	Max	Ref				Ref	Ref	Ref	

