

OWI0630CB

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Shielded drum core inductor



Description

SMD Power inductor

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.

Characteristics

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	

