

OWI0635CB

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]
OWI0635CB-2R0	21.00	3.00	3,2				
OWI0635CB-2R7	24.20	2.69	2,88				
OWI0635CB-3R3	28.60	2.57	2,59				
OWI0635CB-4R7	35.20	2.08	2,48				
OWI0635CB-6R2	39.00	1.84	2,28				
OWI0635CB-6R8	39.00	1.84	2,28				
OWI0635CB-8R2	48.40	1.54	2,16				
OWI0635CB-100	55.00	1.49	2,05				
OWI0635CB-120	68.20	1.28	1,95				
OWI0635CB-150	84.70	1.10	1,75				
OWI0635CB-180	90.20	1.05	1,55				
OWI0635CB-220	117.00	0.97	1,3				
OWI0635CB-270	154.00	0.82	1,22				
OWI0635CB-330	178.00	0.76	1,12				
OWI0635CB-390	210.00	0.70	1,05				
OWI0635CB-470	229.00	0.68	1				
OWI0635CB-560	283.00	0.60	0,9				
OWI0635CB-680	351.00	0.56	0,75				
OWI0635CB-820	462.00	0.47	0,62				
OWI0635CB-101	525.00	0.45	0,6				
OWI0635CB-151	835.00	0.37	0,52				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.30	6.30	3.50	2				2.4	1.45	4.3	Fig.1

Max

Max

Max

Ref

Ref

Ref

Ref

