

OWI0740CB

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]
OWI0740CB-1R0	7.00	7.30	7,3				
OWI0740CB-1R5	10.00	7.20	7,2				
OWI0740CB-4R7	24.00	4.60	4,5				
OWI0740CB-150	62.00	2.50	2,6				
OWI0740CB-220	76.00	2.20	2,3				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
8.00	8.00	4.00	2.5				3	2.25	5	Fig.2
Max	Max	Max	Ref				Ref	Ref	Ref	



