

OWI0625CB

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]
OWI0625CB-1R0	16.00	3.48	4				
OWI0625CB-1R5	18.00	2.83	3,2				
OWI0625CB-2R0	23.00	2.64	2,72				
OWI0625CB-2R2	27.00	2.50	2,62				
OWI0625CB-3R3	30.00	1.89	2,58				
OWI0625CB-4R3	42.00	1.65	2,4				
OWI0625CB-4R7	45.00	1.60	2,2				
OWI0625CB-6R2	69.00	1.37	1,9				
OWI0625CB-6R8	78.00	1.20	1,75				
OWI0625CB-100	96.00	1.07	1,45				
OWI0625CB-120	112.00	0.97	1,3				
OWI0625CB-150	144.00	0.87	1,16				
OWI0625CB-180	175.00	0.79	1,05				
OWI0625CB-220	245.00	0.71	0,94				
OWI0625CB-270	275.00	0.64	0,84				
OWI0625CB-330	317.00	0.58	0,75				
OWI0625CB-390	397.00	0.53	0,67				
OWI0625CB-470	507.00	0.48	0,6				
OWI0625CB-560	561.00	0.44	0,54				
OWI0625CB-680	764.00	0.40	0,52				
OWI0625CB-820	870.00	0.36	0,48				
OWI0625CB-101	1056.00	0.33	0,46				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
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6.30	6.30	2.50	2		2.4	1.45	4.3	Fig.1
Max	Max	Max	Ref		Ref	Ref	Ref	

