

OWI0635LC

Shielded drum core inductor



Description
SMD Power inductor

Features
RoHS, Halogen Free and REACH Compliance

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	40°C typ. at Irms

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWI0635LC-2R0	21.00	3.00	3,35				
OWI0635LC-2R7	24.50	2.69	2,85				
OWI0635LC-3R3	28.50	2.57	2,65				
OWI0635LC-4R7	34.80	2.08	2,2				
OWI0635LC-6R2	37.80	1.84	2				
OWI0635LC-8R2	47.50	1.54	1,6				
OWI0635LC-100	54.60	1.49	1,55				
OWI0635LC-120	68.50	1.28	1,4				
OWI0635LC-150	84.00	1.10	1,2				
OWI0635LC-180	89.50	1.05	1,1				
OWI0635LC-220	117.00	0.97	1				
OWI0635LC-270	153.00	0.82	0,9				
OWI0635LC-330	177.00	0.76	0,85				
OWI0635LC-390	209.00	0.70	0,75				
OWI0635LC-470	229.00	0.68	0,7				
OWI0635LC-560	282.00	0.60	0,65				
OWI0635LC-680	350.00	0.56	0,58				
OWI0635LC-820	458.00	0.47	0,5				
OWI0635LC-101	520.00	0.45	0,45				
OWI0635LC-151	726.00	0.37	0,37				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.50 ±0.3	5.80 ±0.3	3.50 Max	4.8 Ref	2.2 Ref	0.6 Ref		2.8 Ref	1.6 Ref	4 Ref	Fig.2

Fig.1

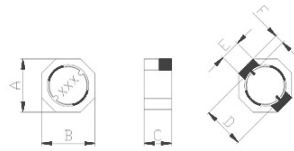


Fig.2

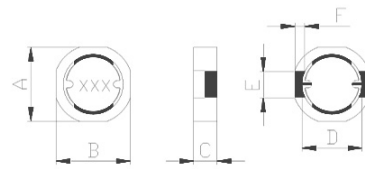


Fig.1

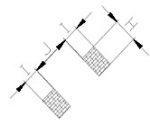


Fig.2

