

OWI0630LC

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]
OWI0630LC-1R0	14.70	3.59	4,05				
OWI0630LC-1R5	16.80	2.93	3,75				
OWI0630LC-2R2	21.00	2.42	3,25				
OWI0630LC-3R6	27.30	1.89	2,45				
OWI0630LC-4R7	35.70	1.66	2,2				
OWI0630LC-6R2	42.00	1.45	2				
OWI0630LC-100	64.50	1.14	1,25				
OWI0630LC-120	68.50	1.04	1,15				
OWI0630LC-150	81.90	0.93	1,1				
OWI0630LC-180	97.80	0.85	1				
OWI0630LC-220	125.00	0.77	0,8				
OWI0630LC-270	158.00	0.70	0,75				
OWI0630LC-330	184.00	0.63	0,7				
OWI0630LC-390	197.40	0.58	0,65				
OWI0630LC-470	243.00	0.53	0,6				
OWI0630LC-560	288.00	0.48	0,55				
OWI0630LC-680	355.00	0.44	0,5				
OWI0630LC-820	434.00	0.40	0,45				
OWI0630LC-101	545.00	0.36	0,4				
OWI0630LC-151	808.00	0.31	0,6				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.50 ±0.3	5.80 ±0.3	3.00 Max	4.8 Ref	2.5 Ref	0.6 Ref		2.8 Ref	1.6 Ref	4 Ref	Fig.2

Fig.1

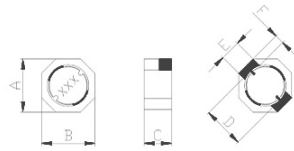


Fig.2

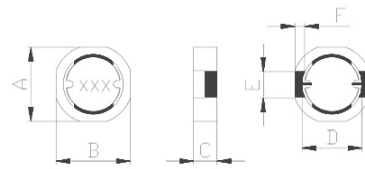


Fig.1

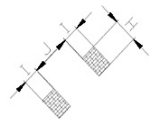


Fig.2

