

OWI0520LC

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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]
OWI0520LC-1R1	44.00	2.15	2,3				
OWI0520LC-2R2	59.00	1.63	2				
OWI0520LC-2R7	73.00	1.34	1,6				
OWI0520LC-3R6	76.00	1.30	1,5				
OWI0520LC-4R7	87.00	1.14	1,2				
OWI0520LC-6R8	105.00	0.95	1				
OWI0520LC-100	150.00	0.76	0,8				
OWI0520LC-150	230.00	0.63	0,65				
OWI0520LC-220	320.00	0.56	0,6				
OWI0520LC-330	455.00	0.44	0,5				
OWI0520LC-470	730.00	0.36	0,4				
OWI0520LC-680	1130.00	0.30	0,32				
OWI0520LC-101	1650.00	0.23	0,25				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
5.00 ±0.3	5.00 ±0.3	2.20 Max	4.1 Ref	1.75 Ref	0.66 Ref		2.2 Ref	1.5 Ref	3.8 Ref	Fig.1

Fig.1

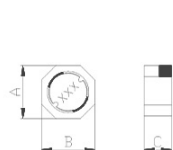


Fig.2

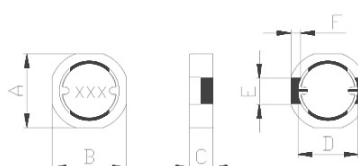


Fig.1

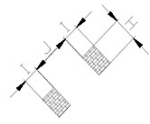


Fig.2

