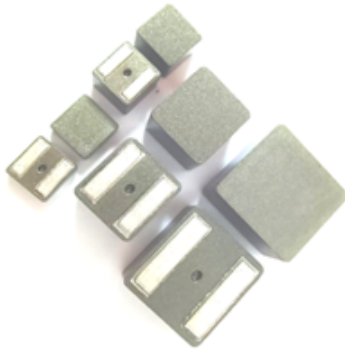


OWIHPM0530

Composite injection molded



Description

Composite injection mold inductor

Features

Excellent current handling
Exceptionally low DCR
Soft saturation
Composite construction minimizes audible buzzing.
Tin silver over copper terminations
Composite material.

Applications

Perfect for VRM /VRD applications.

Characteristics

Test Voltage	1.0V
Parameters Test Temp	25°C
Operation Temp (Incl temp rise)	-40°C to +125°C
Storage Temp	0 to 40°C
Storage Humidity	10% to 70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	L drops off 30% typ at Isat
Temperature rise	40°C typ. at Irms

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWIHPM0530-4R7	4.70	36.70	8.00	5.60					Request samples
OWIHPM0530-3R3	3.30	23.50	9.00	8.00					Request samples
OWIHPM0530-2R2	1.80	14.80	10.00	9.50					Request samples
OWIHPM0530-1R8	1.50	12.90	12.00	9.80					Request samples
OWIHPM0530-1R5	1.50	11.50	14.00	10.40					Request samples
OWIHPM0530-1R2	1.20	9.90	15.00	11.00					Request samples
OWIHPM0530-1R0	1.00	7.90	15.00	12.00					Request samples
OWIHPM0530-R82	0.82	5.90	20.00	12.60					Request samples
OWIHPM0530-R80	0.80	5.80	20.00	13.00					Request samples
OWIHPM0530-R60	0.60	4.70	22.00	17.50					Request samples
OWIHPM0530-R56	0.56	4.70	22.00	17.50					Request samples
OWIHPM0530-R47	0.47	4.30	26.00	18.30					Request samples
OWIHPM0530-R33	0.33	3.60	28.00	18.90					Request samples
OWIHPM0530-R16	0.16	2.40	35.00	22.00					Request samples
OWIHPM0530-R15	0.15	2.40	36.00	22.00					Request samples

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
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5.50	5.30	2.90	4,3	1,1	2,3	4,7	1,25	2	Square
± 0.20	± 0.20	± 0.20	± 0.30	± 0.30	± 0.30	Ref	Ref	Ref	

