

OWIHP1770-T02

Carbonyl powder molded



Description

Molded series with Carbonyl powder

Features

RoHS, Halogen Free and REACH Compliance
Lowest Rdc
Frequency range up to 1.0MHz
Handles high transient current spikes without saturation

Applications

For cellular phones, LCD displays, HDDs, DVCs, DSCs, PDA etc.
Thin type on-board power supply module
Battery powered devices
DC/DC converters for CPU in Notebook PC

Characteristics

Test Voltage	0.25V
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40 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 30% 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]
OWIHP1770-T02-1R0	1.27	32.00	55,5				
OWIHP1770-T02-1R5	1.62	31.00	48				
OWIHP1770-T02-2R2	1.98	28.00	43,5				
OWIHP1770-T02-3R3	2.93	27.00	35				
OWIHP1770-T02-4R7	4.18	21.00	30				
OWIHP1770-T02-5R6	4.60	21.00	28				
OWIHP1770-T02-6R8	6.15	18.50	22,5				
OWIHP1770-T02-8R2	8.10	18.00	21				
OWIHP1770-T02-100	9.33	17.00	19				
OWIHP1770-T02-150	14.40	12.00	14				
OWIHP1770-T02-220	21.00	9.50	12				
OWIHP1770-T02-330	37.00	9.00	10,7				
OWIHP1770-T02-470	42.70	8.60	8,7				
OWIHP1770-T02-560	57.80	4.20	7,2				
OWIHP1770-T02-680	75.70	4.50	6,1				
OWIHP1770-T02-101	110.00	4.00	5				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
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17.00	18.00	7.00	12	2.5		12.5	5.25	10
±0.35	±0.35	Max	Ref	Ref		Ref	Ref	Ref

