

OWINR4026

NR series



Description

Ferrite core, semi-shielded, magnetic epoxy

Features

RoHS, Halogen Free and REACH Compliance
Magnetic resin shielded construction reduces buzz noise to ultra-low levels
Metallization on ferrite core results in excellent shock resistance and damage-free durability
30% higher current rating than conventional inductors of equal size
Takes up less PCB real estate and saves power

Applications

Flat-screen TVs, blue-ray disc recorders, set top boxes
Cameras and smart phones
Portable gaming devices, GPS, multimedia devices, Telecom base stations, VR/AR-glasses etc.

Characteristics

Test Voltage	1.0V
Parameters Test Temp	20°C
Operation Temp (Including temperature Rise)	-40 to +125°C
Storage Temp	0 to 40°C
Storage Humidity	
Resistance to Soldering Heat	260° for 10 sec
Rated Current	L drops off 30% typ at Isat
Temperature Rise	40° typ. at Irms

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWINR4026-470	390.00	0.40	0,65			6	
OWINR4026-330	351.00	0.55	0,7			9	
OWINR4026-220	214.00	0.60	0,9			13	
OWINR4026-150	143.00	0.90	1,1			19	
OWINR4026-100	110.00	1.00	1,3			26	
OWINR4026-6R8	85.00	1.30	1,5			33	
OWINR4026-4R7	72.00	1.45	1,6			46	
OWINR4026-3R3	65.00	1.80	1,7			58	
OWINR4026-2R2	52.00	2.10	2			96	
OWINR4026-1R2	39.00	3.10	2,3			120	
OWINR4026-1R5	39.00	2.40	2,3			100	
OWINR4026-1R0	31.00	3.30	3			151	

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
4.00 ±0.2	4.00 ±0.2	2.80 Max	1.1 Ref	3.5 Ref	1.8 Ref		3.8 Ref	1.5 Ref	1.5 Ref	Fig.1

Fig.1

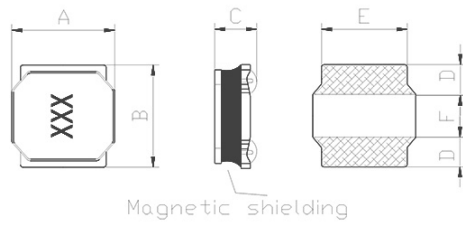


Fig.2

