

CHNR8060



Feature:

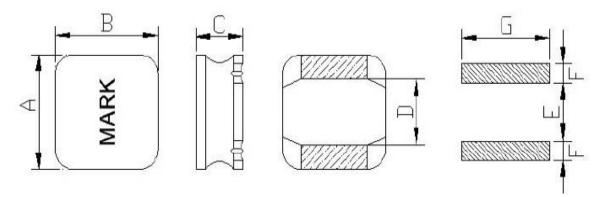
Various high-power inductors are superior to be high saturation for surface mount

Applications:

Power supplies, office automation equipment, digital camera, LCD television, PC, portable communication devices, converters, etc.

Wire-wound ferrite		
-40 - 125°C		
-10 - 40°C, 30-70%RH		
Semi-shielded		
≥100MΩ		
RoHS and REACH compliant		

Mechanical Dimension: (unit: mm)



Туре	Α	В	С	D	Е	F	G
CHNR8060	8.0±0.3	8.0±0.3	6.0 Max	4.0±0.3	3.8 Ref	2.2 Ref	7.5 Ref



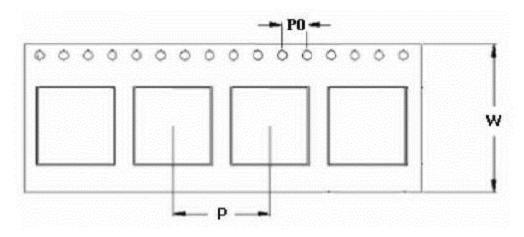
Electrical Parameters:

Part Number	Inductance (µH)	Test Freq (kHz/v)	DCR (Ω)	Isat (A)	Irms (A)
CHNR8060-2R2N	2.2	100/0.25	0.022	8	5.7
CHNR8060-3R3N	3.3	100/0.25	0.025	7.5	5
CHNR8060-4R7M	4.7	100/0.25	0.032	7	4.65
CHNR8060-6R8M	6.8	100/0.25	0.037	5.9	4.2
CHNR8060-100M	10	100/0.25	0.042	5.8	3.8
CHNR8060-150M	15	100/0.25	0.071	4.5	3.1
CHNR8060-220M	22	100/0.25	0.1	4.3	2.7
CHNR8060-330M	33	100/0.25	0.162	3	2.1
CHNR8060-470M	47	100/0.25	0.188	2.85	1.8
CHNR8060-680M	68	100/0.25	0.248	2.5	1.6
CHNR8060-101M	100	100/0.25	0.38	2	1.25
CHNR8060-221M	220	100/0.25	0.884	1.2	0.82
CHNR8060-331M	330	100/0.25	1.26	1.05	0.68
CHNR8060-471M	470	100/0.25	1.76	0.9	0.55
CHNR8060-681M	680	100/0.25	2.8	0.8	0.5
CHNR8060-821M	820	100/0.25	3.4	0.7	0.43
CHNR8060-102M	1000	100/0.25	3.87	0.6	0.37

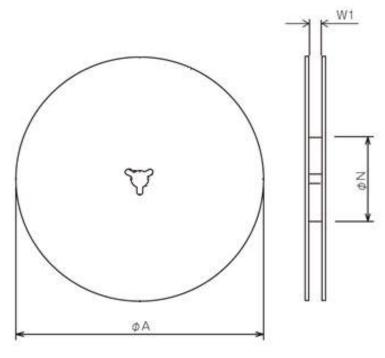
Note: tolerance code M = $\pm 20\%$, N = $\pm 30\%$



Packaging: (unit: mm)



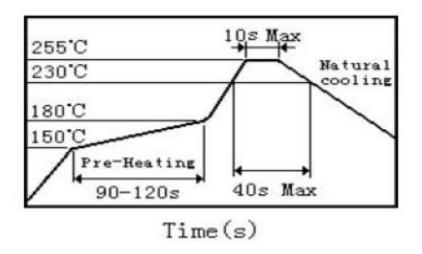
Туре	Р	P0	W	Pcs/Reel
CHNR8060	12±0.1	4±0.1	16±0.3	800



Туре	Α	Ν	W1
CHNR8060	330±0.5	100±0.5	16.5±0.5



Recommended Soldering Profile:



Precautions for Use:

- 1. The product is designed and promoted for use in general electronic devices, such as audio equipment, office automation equipment, household appliances, and information service devices.
- 2. In the case of using the product for a purpose other than general electronics devices, we shall not hold the liability for any dysfunctions or damage to the equipment in which the product is used.
- 3. Our specification in this document only limits the quality of the components as a single unit. Please ensure the component is thoroughly evaluated in the application circuit.
- 4. Do not apply excessive vibration or mechanical shock to the product.
- 5. Do not touch the inductor wire with sharp objects.
- 6. Do not apply excessive stress to the product.