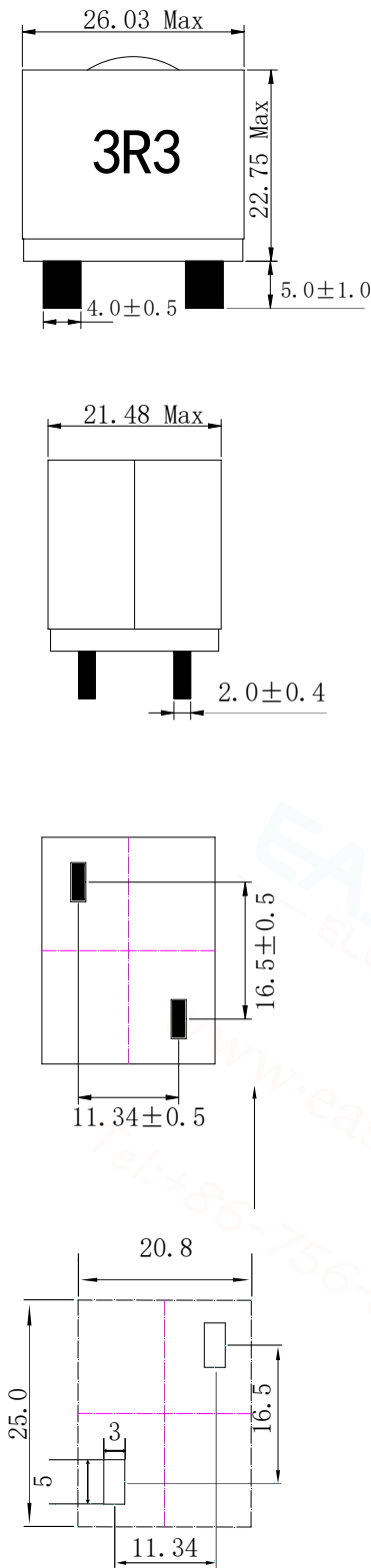


Inductor for Digital AMP

EDA2521-3R3M

Outline Drawing(mm)



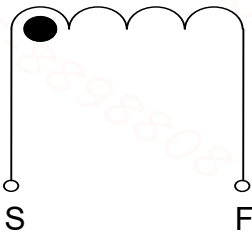
Features

- High efficiency and losses
- High power density
- Strong anti-interference ability Operating temperature
- Range: -40℃ to +125℃ (including coil's self temperature rise).
- Storage temperature range: -40℃ to +125℃

Applications

Designed Best suited as LPE Inductor for Digital Amplifier (Class-D Amp)
Support high-output of AV Amplifiers and Car Amplifiers and so on

Electrical structure



Electrical Properties

NO	ITEMS	SPECIFICATION	TEST CONDITION
1	INDUCTANCE	3.3uH±20%	100KHz/0.25V
2	DCR	0.7mΩ Max	25℃
3	ISAT1	90.0A Typ	
	ISAT2	116.0A Typ	
4	IRMS	70.0A Max	

- RoHS compliant;
- All test data is referenced to 25℃ ambient;
- In the production of products, all electrical properties and electrical strength must be tested;
- Saturation current (I_{sat1}) : DC current at which the inductance drops approximate 20% TYP from its value without current;
- Saturation current (I_{sat2}) : DC current at which the inductance drops approximate 30% TYP from its value without current;
- Temperature rise current(I_{rms}): DC current that causes the temperature rise (ΔT =40℃) from 25℃ ambient.