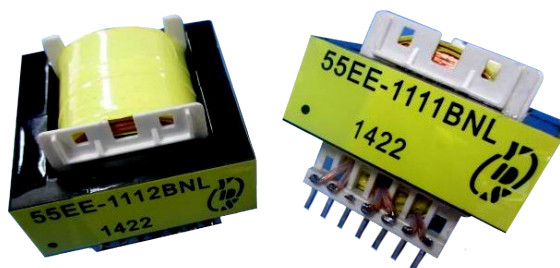


**Description:**

- Inverter transformer is a kind of work in DC to AC transformer under the module
- Used in solar energy, vehicle power supply system, uninterruptible power supply, etc.
- Push-pull topology structure
- Operate at 100kHz with 12 VDC input
- Power: 1000W~1500W
- Hipot voltage: 2000Vrms
- Custom designs available

**Other:**

- Operating temperature range: -40°C to +85°C
- Storage temperature range: -40°C to +85°C
- RoHS Compliant version is available

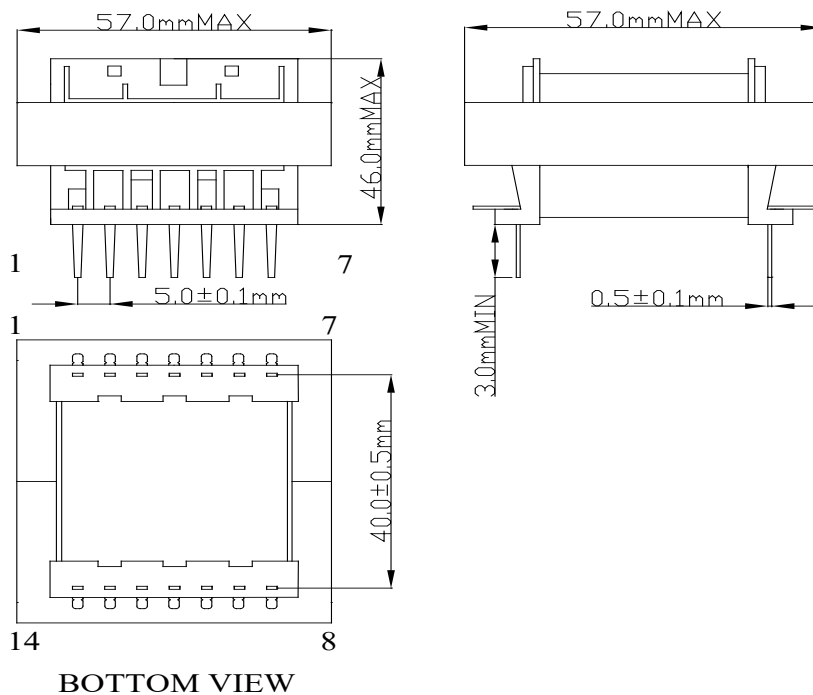
**YUAN DEAN SCIENTIFIC****Inverter Transformers****EE55 SERIES****1000W~1500W****Electrical Specifications**

Part Number	Turn Ratio Pri1:Sec: Pri2	L ① (uH±25%)	Input	LK ②max(uH)	Output Voltage
55EE-1111BNL	1:57.5:1	109	12VDC,100KHZ	0.15uH	400VAC,1000W
55EE-1112BNL	1:32:1	109	12VDC,100KHZ	0.20uH	220VAC,1500W

① L(NOM)=Nominal Inductance is for pri winding, measured at 1KHz,0.25Vrms

② Leakage inductance measured at 100KHz,0.1Vrms between Pri other pins shorted

Mechanicals and Dimensions



Schematics

