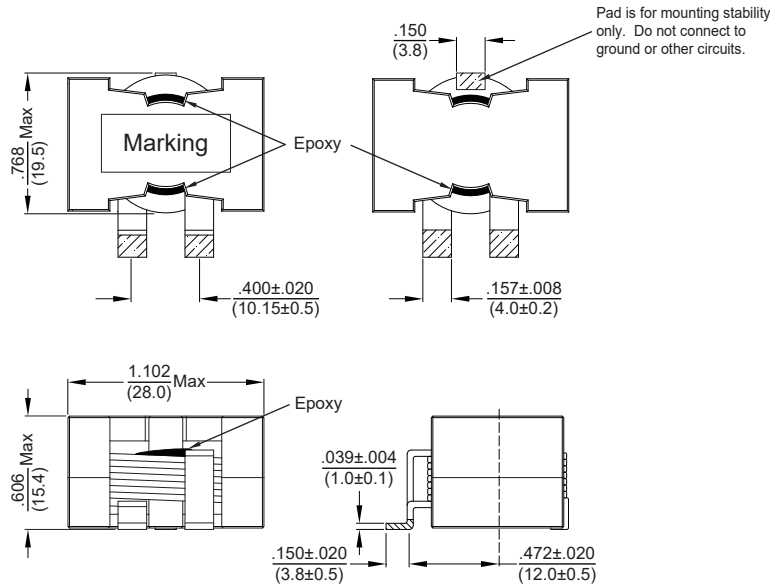


# Flat Wire SMD Power Inductor

# FWPQ2614S



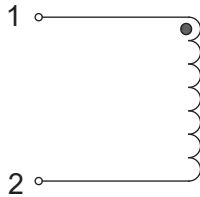
Allied Part Number	Inductance ±15% (μH)	Test Frequency KHz, 0.1V	DCR (mΩ) ±10%	SRF (MHz) Typ	I <sub>rms</sub> (A) Typ	I <sub>sat</sub> (A) Typ	HiPot 50Hz / 5mA / 2Sec Coil - Core
FWPQ2614S-150L	15	100	1.31	10.73	36	14.3	300VAC

All specifications subject to change without notice.

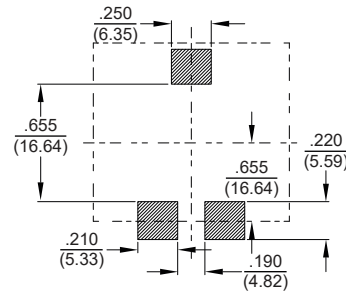
### Features

- Flat Wire SMD Power Choke
- Third Solder pad for mounting stability only.
- Low Magnetic Loss
- Low DCR
- High Saturation Current

### SCHEMATIC



### RECOMMENDED PAD LAYOUT



### Electrical

**Inductance Range:** 15μH  
**Tolerance:** ±15%  
**Test Frequency:** 100KHz, 0.1V  
**Operating Temp:** -40°C to +125 °C  
 Current at which the Inductance will drop by no more than 30% of its initial value.  
**I<sub>rms</sub>:** Based on a temp rise of ΔT = 50K

### Saturation Current Vs Temp Rise Current Curve

