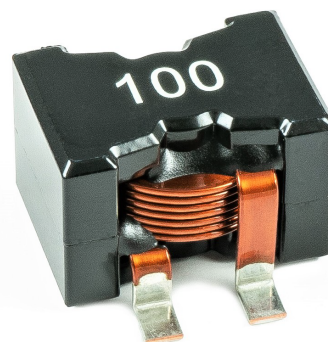
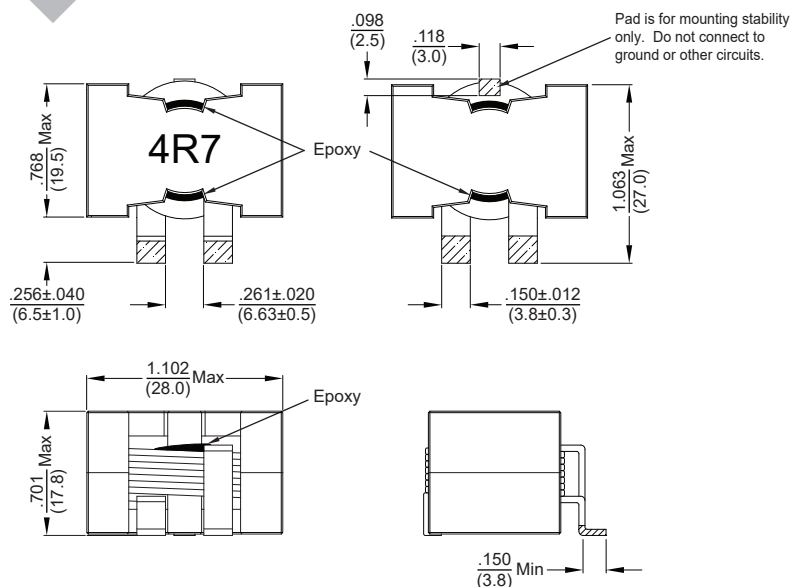




Flat Wire SMD Power Inductor

FWPQ2918S

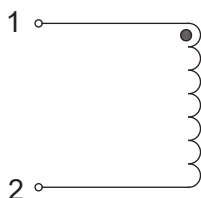
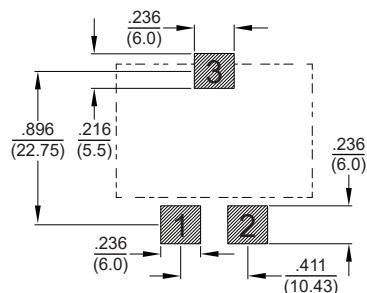


Allied Part Number	Inductance ±20% (μH)	Test Frequency KHz, 0.1V	DCR (mΩ)		Isat (A) Typ.	Temperature Rise Current (A) Typ.
			Typ.	Max		
FWPQ2918S-3R3M-RC	3.3	100	2.60	2.86	92.5	28.0
FWPQ2918S-4R7M-RC	4.7	100	2.60	2.86	61.2	28.0
FWPQ2918S-6R8M-RC	6.8	100	2.60	2.86	45.0	28.0
FWPQ2918S-100M-RC	10	100	2.60	2.86	31.2	28.0
FWPQ2918S-150M-RC	15	100	2.60	2.86	21.2	28.0
FWPQ2918S-220M-RC	22	100	2.60	2.86	14.0	28.0
FWPQ2918S-330M-RC	33	100	2.60	2.86	8.70	28.0

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

Electrical**Inductance Range:** 3.3μH to 33μH**Tolerance:** ±20%**Test Frequency:** 100KHz, 0.1V**Operating Temp:** -40°C to +125°C**Isat:** Current at which the inductance will drop by 20% from its original Inductance without current.**Temperature Rise Current:** The actual value of DC current when the temperature rise is ΔT 40°C (Ta=25°C)**Physical****Packaging:** 30 per Tray, 270pcs per Carton**Marking:** Standard EIA Code**SCHEMATIC****RECOMMENDED PAD LAYOUT**



Saturation Current vs. Temperature Rise Current Curve

