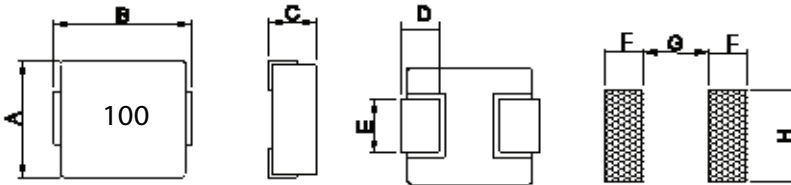
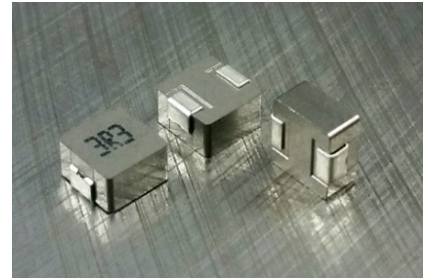




## Dimensions: (mm)



A	B	C	D	E	F	G	H
5.2±0.20	5.4±0.3	2.8±0.2	1.2±0.2	2.2±0.3	1.9	2.2	2.5



Allied Part Number	Inductance (μH)	Tolerance (±%)	Test Frequency (KHz, 0.25V)	DCR (mΩ) Max	Isat (A) Typ	Irms (A) Typ
PCSFW530-R20M	0.20	20	100	3.9	14.5	14.0
PCSFW530-R47M	0.47	20	100	8.5	12.0	11.0
PCSFW530-R68M	0.68	20	100	12.0	11.5	9.0
PCSFW530-1R0M	1.0	20	100	14.0	11.0	8.5
PCSFW530-1R5M	1.5	20	100	25.0	8.5	8.2
PCSFW530-2R2M	2.2	20	100	29.0	7.5	7.0
PCSFW530-3R3M	3.3	20	100	38.0	6.0	5.5
PCSFW530-4R7M	4.7	20	100	60.0	5.0	4.5
PCSFW530-6R8M	6.8	20	100	90.0	4.0	3.5
PCSFW530-100M	10	20	100	125.0	3.5	3.2

All specifications subject to change without notice.

### Features

- Magnetically Shielded Construction
- Ultra High Saturation Current up to 14A
- Low DC Resistance
- Expanded operating temp range
- Suitable for pick and place

### Electrical

**Inductance Range:** 0.20μH to 10μH

**Tolerance:** 20% over entire range

**Test Frequency:** 100KHz, 0.25V

**Operating Temp:** -55°C ~ +125°C

**Storage Temp:** -55°C ~ +125°C

**Irms:** Current at which The Temperature would Rise by Approximately 40°C

**Isat:** Current at which The Inductance will Drop by Approximately 30%

Under no condition should the part exceed 125°C

### Resistance to Soldering Heat

**Pre-Heat:** 160°C ±10°C

**Solder Heat Resistance:** 260°C ± 5°C for 10±1 sec.

**Temp:** 85°C ± 2°C

### Test Equipment

(L): HP4284A LCR meter

DCR: Milli-ohm meter

### Physical

**Packaging:** 2000pcs per 13 inch reel

**Marking:** EIA Inductance Code