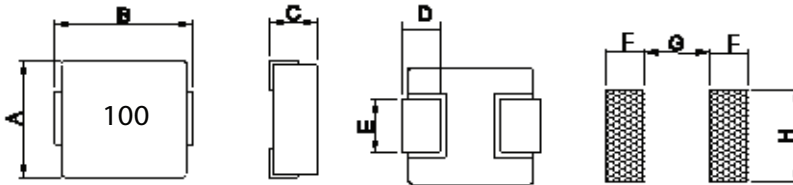
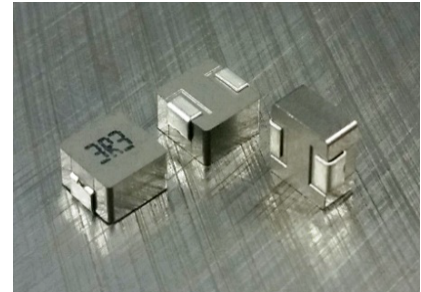




## Dimensions: (mm)



A	B	C	D	E	F	G	H
6.6±0.20	7.0±0.3	2.8±0.2	1.6±0.3	3.0±0.3	2.35	3.7	3.5



Allied Part Number	Inductance (μH)	Tolerance (±%)	Test Frequency (KHz, 0.25V)	DCR (mΩ) Max	Isat (A) Typ	Irms (A) Typ
PCSFW630-R22M	0.22	20	100	3.0	34.0	24.0
PCSFW630-R33M	0.33	20	100	3.5	25.0	21.0
PCSFW630-R47M	0.47	20	100	4.1	20.0	18.0
PCSFW630-R56M	0.56	20	100	4.5	18.0	16.5
PCSFW630-R68M	0.68	20	100	5.3	17.0	16.0
PCSFW630-1R0M	1.0	20	100	7.4	15.0	12.0
PCSFW630-1R5M	1.5	20	100	12.1	14.0	12.0
PCSFW630-2R2M	2.2	20	100	15.0	10.0	9.5
PCSFW630-3R3M	3.3	20	100	22.0	9.5	8.5
PCSFW630-4R7M	4.7	20	100	33.0	6.5	6.0
PCSFW630-6R8M	6.8	20	100	48.0	6.0	5.0
PCSFW630-100M	10	20	100	67.0	5.5	4.5
PCSFW630-150M	15	20	100	115.0	4.5	3.0
PCSFW630-220M	22	20	100	200.0	3.0	2.3
PCSFW630-330M	33	20	100	310.0	2.5	2.0

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:** 0.22μH to 33μH

**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:** 1500pcs per 13 inch reel

**Marking:** EIA Inductance Code