

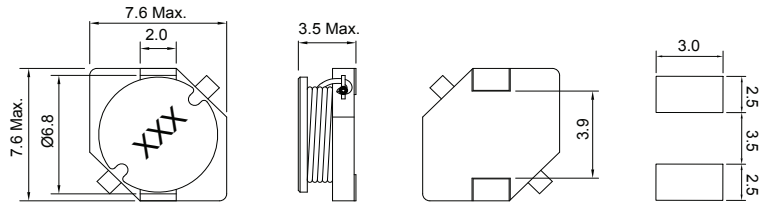
# CSN073F Series (UNSHIELDED)

## ■ SMD Wire Wound Power Inductors

### MECHANICAL DIMENSIONS



CSN073F



Recommended Patterns

unit: mm

### ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (μH)	Test Freq. (KHz)	DCR (Ω) Max.	Rated Current (A)
CSN073F-1R0M-LRH	102	1.0	100	0.022	2.88
CSN073F-1R5M-LRH	152	1.5	100	0.026	2.67
CSN073F-1R8M-LRH	182	1.8	100	0.056	2.50
CSN073F-2R2M-LRH	222	2.2	100	0.032	2.40
CSN073F-3R3M-LRH	332	3.3	100	0.041	2.08
CSN073F-4R7M-LRH	472	4.7	100	0.049	1.92
CSN073F-6R8M-LRH	682	6.8	100	0.067	1.60
CSN073F-100M-LRH	103	10.0	100	0.085	1.41
CSN073F-120M-LRH	123	12.0	100	0.100	1.28
CSN073F-150M-LRH	153	15.0	100	0.130	1.12
CSN073F-180M-LRH	183	18.0	100	0.160	1.00
CSN073F-220M-LRH	223	22.0	100	0.180	0.93
CSN073F-270M-LRH	273	27.0	100	0.240	0.80
CSN073F-330M-LRH	333	33.0	100	0.290	0.72
CSN073F-390M-LRH	393	39.0	100	0.340	0.66
CSN073F-470M-LRH	473	47.0	100	0.410	0.59
CSN073F-560M-LRH	563	56.0	100	0.480	0.55
CSN073F-680M-LRH	683	68.0	100	0.600	0.49
CSN073F-820M-LRH	823	82.0	100	0.710	0.44
CSN073F-101M-LRH	104	100.0	100	0.950	0.38

- Tolerance: M= ±20% ; L= ±15% ; K= ±10%
- Operating Temperature Range: -30°C to +100°C (Including self-generated heat)
- Inductance measured using the HP4284A ; Chroma 3302+1320
- DCR measured using the 16502 milli-ohm meter
- Inductance drop no more than 10% of initial value at rated current ,temperature rises  $\Delta t < 40^{\circ}\text{C}$
- Storage Temperature Range: -40°C to +85°C

### CHARACTERISTIC CURVE

CSN073F Series

