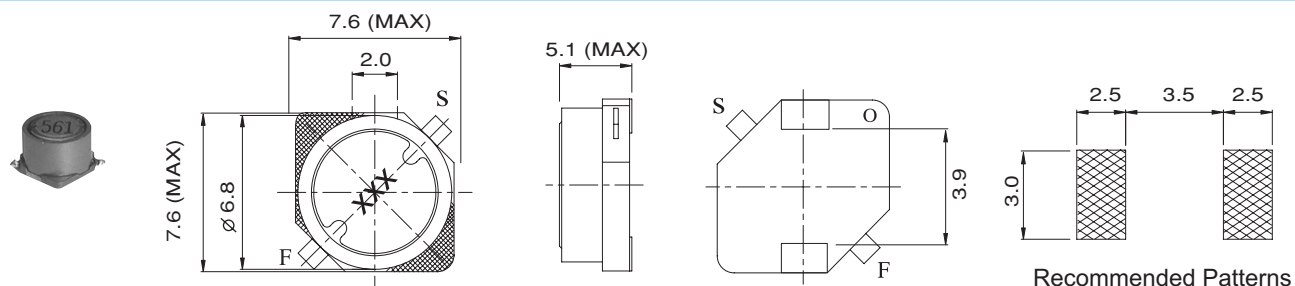


# SMD POWER CHOKE

## CSS075F SERIES (Shielded)

Mechanical Dimensions (Unit: mm)



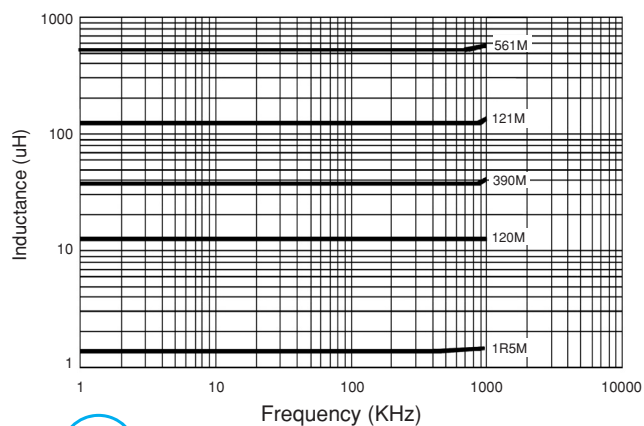
### Electrical Specifications:

Part Number	Marking	Inductance (uH)	Test Freq (KHz)	DCR (Ω)max	Rated current (A)
CSS075F-1R0M	1R0	1.0	100	0.023	2.88
CSS075F-1R5M	1R5	1.5	100	0.027	2.61
CSS075F-2R2M	2R2	2.2	100	0.030	2.46
CSS075F-3R3M	3R3	3.3	100	0.035	2.28
CSS075F-4R7M	4R7	4.7	100	0.041	2.08
CSS075F-6R8M	6R8	6.8	100	0.047	1.94
CSS075F-100M	100	10.0	100	0.050	1.68
CSS075F-120M	120	12.0	100	0.070	1.54
CSS075F-150M	150	15.0	100	0.080	1.39
CSS075F-180M	180	18.0	100	0.090	1.26
CSS075F-220M	220	22.0	100	0.110	1.13
CSS075F-270M	270	27.0	100	0.150	1.02
CSS075F-330M	330	33.0	100	0.170	0.84
CSS075F-390M	390	39.0	100	0.180	0.80
CSS075F-470M	470	47.0	100	0.200	0.76
CSS075F-560M	560	56.0	100	0.280	0.64
CSS075F-680M	680	68.0	100	0.320	0.60
CSS075F-820M	820	82.0	100	0.350	0.57
CSS075F-101M	101	100.0	100	0.400	0.50
CSS075F-121M	121	120.0	100	0.440	0.47
CSS075F-151M	151	150.0	100	0.730	0.40
CSS075F-181M	181	180.0	100	0.780	0.39
CSS075F-221M	221	220.0	100	0.940	0.33
CSS075F-271M	271	270.0	100	1.250	0.31
CSS075F-331M	331	330.0	100	1.400	0.27
CSS075F-391M	391	390.0	100	1.520	0.27
CSS075F-471M	471	470.0	100	1.700	0.25
CSS075F-561M	561	560.0	100	2.390	0.22

- a Tolerance: M:± 20% , L:± 15%
- b Operating Temp. : -25°C TO +85°C.
- c Inductance measured using the HP4284A LCR meter.
- d DCR measured using the 502BC milli-ohm meter.
- e Inductance drops no more than 10% of initial value at rated current, temperature rises  $\Delta t < 40^{\circ}\text{C}$ .

### Characteristic Curve

Inductance vs. Current



Inductance vs. Current

