



# Frontier Electronics Corp.

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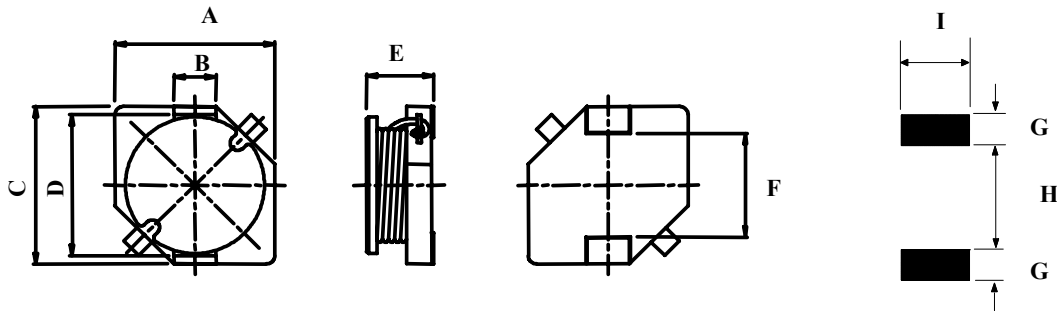
## SMD Power Choke—CSN/CSSxxxF Series

### A. Dimensions: (Unit: mm)

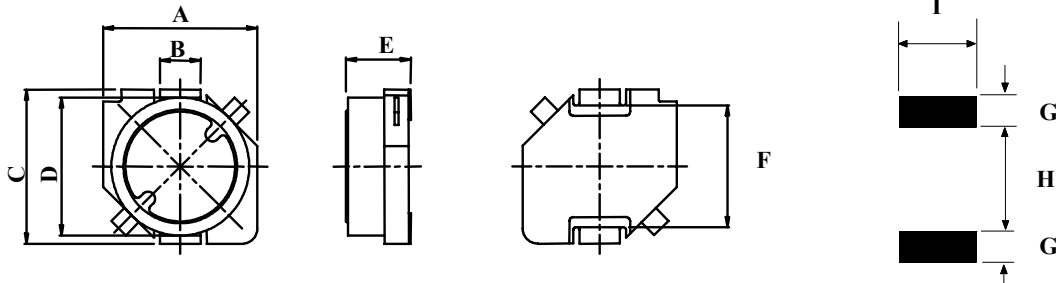
SERIES #	A	B	C (Max.)	D	E (Max.)	F	G	H	I	Type
CSN073F	7.6	2.0	7.6	φ 6.8	3.5	3.9	2.5	3.5	3.0	1
CSN075F	7.6	2.0	7.6	φ 6.8	5.1	5.4	2.0	4.4	3.0	1
CSS073F	7.6	2.0	7.6	φ 6.8	3.5	3.9	2.5	3.5	3.0	2
CSS075F	7.6	2.0	7.6	φ 6.8	5.1	3.9	2.5	3.5	3.0	2

### B. Mechanical dimensions:

Type 1: Unshielded



Type 2: Shielded



### C. Features:

- Operating temperature: -25°C TO +85°C.
- Inductance measured on the HP4284A LCR meter.
- DCR measured on the 502BC milli-OHM meter.
- Inductance drops no more than 10% at rated current applied or temperature rises  $\Delta t < 40^\circ\text{C}$ .

### D. Inductance range:

- CSN073F (Unshielded): From 1.0uH(2.88A) to 100uH(0.38A)
- CSN075F (Unshielded): From 1.0uH(2.88A) to 470uH(0.195A).
- CSS073F (Shielded): From 1.0uH(3.12A) to 100uH(0.41A)
- CSS075F (Shielded): From 1.0uH(2.8A) to 560uH(0.22A).

Note: **RoHS** compliant; for the **ROHS** parts, we add “-LFR” at the end of the P/N.

