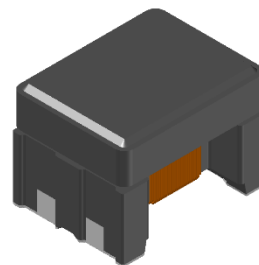


CME-CSCF3225D-B SERIES

Features

- ▶ Signal line Common mode Filter.
- ▶ It is effective in reducing noise with high common mode impedance.
- ▶ Low stray capacitance.
- ▶ Halogen-Free.
- ▶ RoHS compliant.
- ▶ AEC-Q200 qualified.

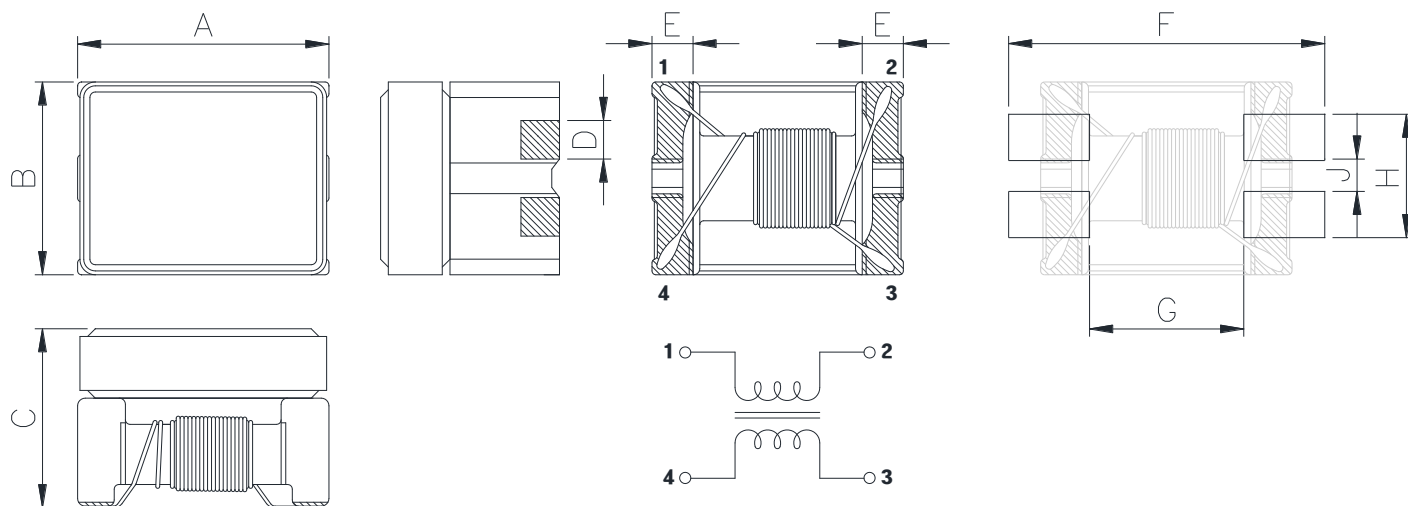


Applications

- ▶ CAN-FD System

Dimension (Unit:mm)

Land Pattern (Unit:mm)



A	B	C	D	E
3.2 ±0.2	2.5 ±0.2	2.5 Max.	0.5 ±0.2	0.53 ±0.2

F	G	H	J
4.1	2.0	1.6	0.4

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2025.05.02 (Rev.1.0)

Regulation of part number

CME	-	CSCF	3225	D	-	510	T	12	-	B
③		②	③	④		⑤	⑥	⑦		⑧

- ① CoilMaster's initial
- ② Series Name : Car Signal Line Common mode Filter
- ③ Core Size (unit:mm)
- ④ Type
- ⑤ Common mode inductance value (100 uH)
- ⑥ Packing type
- ⑦ Rated Current
- ⑧ Internal code

Specifications

Part Number	Common Mode Inductance (μH)	DCR (Ω) Max.	Rated Current (mA) Max.	Insulation Resistance (MΩ) Min.	Rated Voltage (V) Max.
CME-CSCF3225D-510T12-B	51	3.0	120	10	80
CME-CSCF3225D-101T12-B	100	3.0	120	10	80

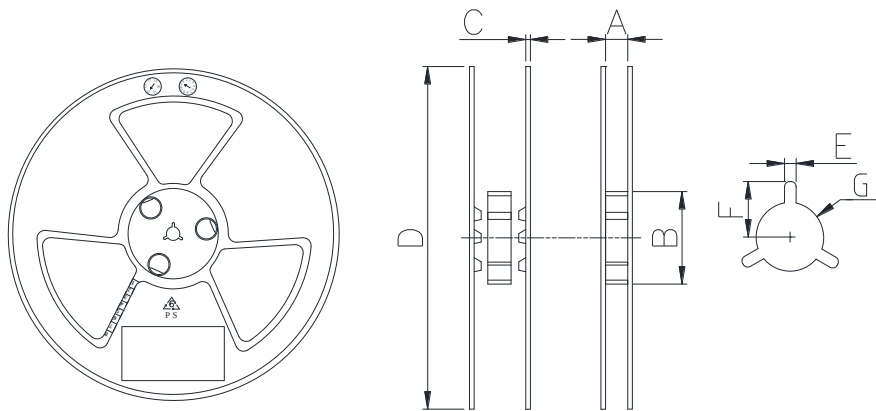
- Inductance test condition : 100 kHz (L tolerance+50/-30%)
- Impedance test condition : 10 MHz
- Operating Temperature Range : -40℃ ~ +150 °c

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Packaging

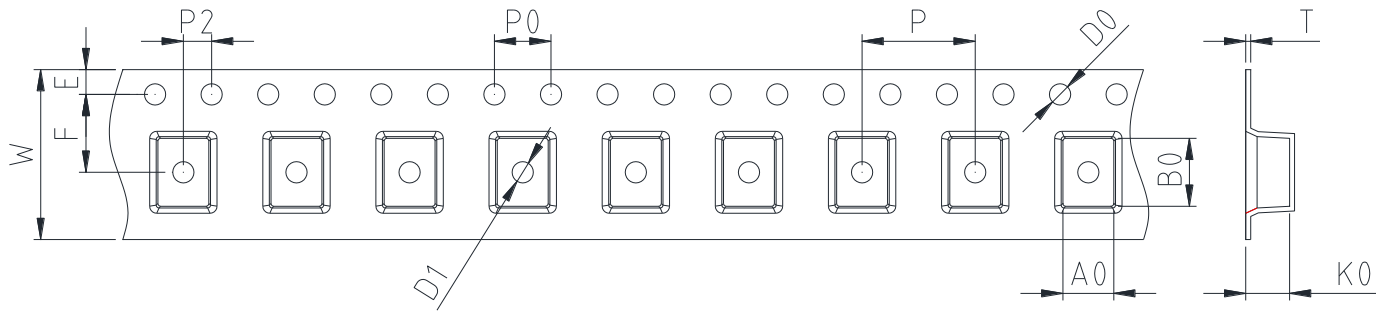
(1) Package quantity : 2,500 (pcs/reel)

(2) Reel Dimensions (unit:mm)



A	B	C	D	E	F
8.50	60.0	1.50	178.0	2.70	11.25
+0.50	+2.00	+0.20	+1.00	+0.30	+0.50
-0.50	-2.00	-0.20	-1.00	-0.30	-0.50

(3) Tape Dimensions



W	A0	B0	K0	E	F	P	P0	P2	D0/D1	T
8.00	2.88	3.72	2.50	1.75	3.50	4.00	4.00	2.00	1.10	0.22
+0.10	+0.10	+0.10	+0.10	+0.10	+0.05	+0.10	+0.10	+0.05	+0.10	+0.05
-0.10	-0.10	-0.10	-0.10	-0.10	-0.05	-0.10	-0.10	-0.05	-0.10	-0.05

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