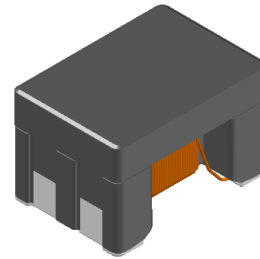


CME-CSCF4532R-SERIES

Features

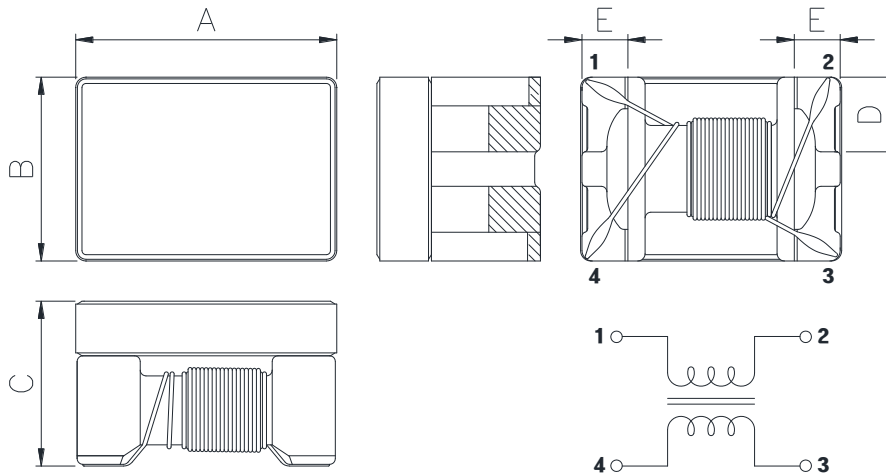
- ▶ High common mode impedance at high frequency effects
Excellent noise suppression performance.
- ▶ Realizes small size and low profile.
- ▶ Halogen-Free.
- ▶ RoHS compliant.
- ▶ AEC-Q200 qualified.



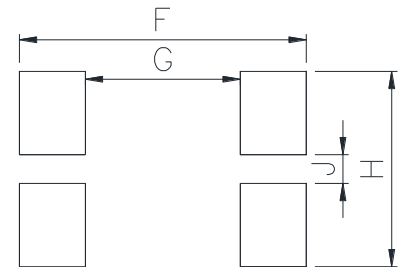
Applications

- ▶ Flex-Ray system, CAN-BUS, FAXs, modems, ISDNs, etc.

Dimension (Unit:mm)

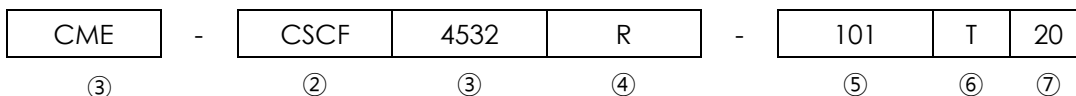


Land Pattern (Unit:mm)



A	B	C	D	E	F	G	H	J
4.5 ±0.2	3.2 ±0.2	2.8 ±0.2	1.3 ±0.2	0.8 ±0.2	5.0	2.7	3.4	0.5

Regulation of part number



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

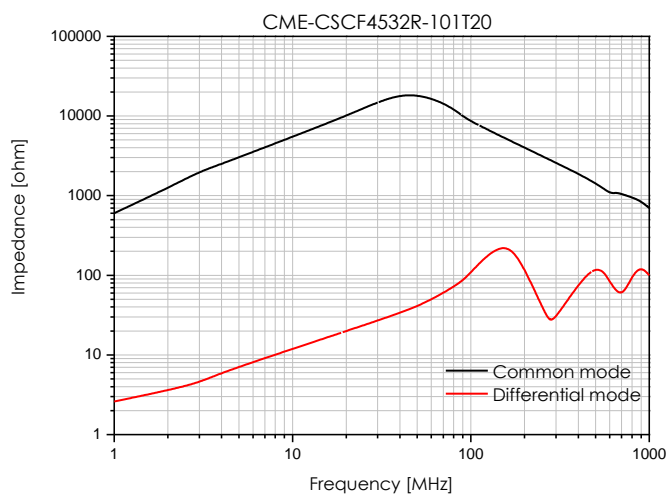
Specifications

Part Number	Inductance (μH)	Impedance (Ω) Min.(Typ.)	DCR (Ω) Max.	IDC1 (mA) Max.	Insulation Resistance (MΩ) Min.	Rated Voltage (V) Max.
CME-CSCF4532R-101T20	100	2200(5500)	1.5	200	10	50

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

Note 1 : Circuit design, component placement, PCB trace size and thickness, airflow and other cooling. Provision all affect the part Temperature. Part temperature should be verified in the end application.

Impedance VS Frequency characteristics

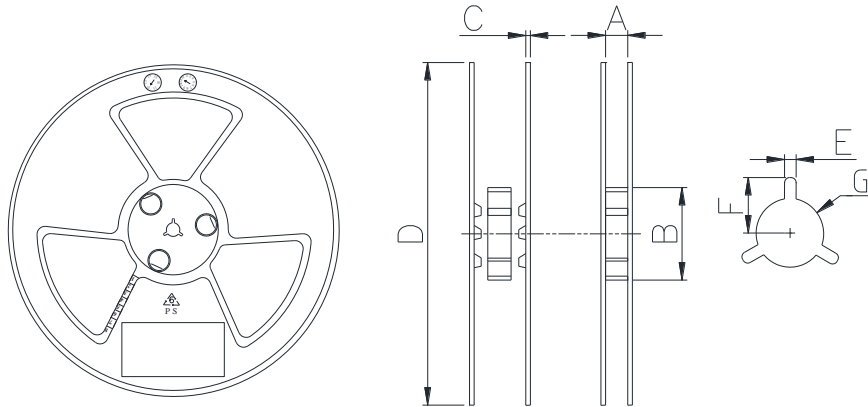


- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2023.11.07

Packaging

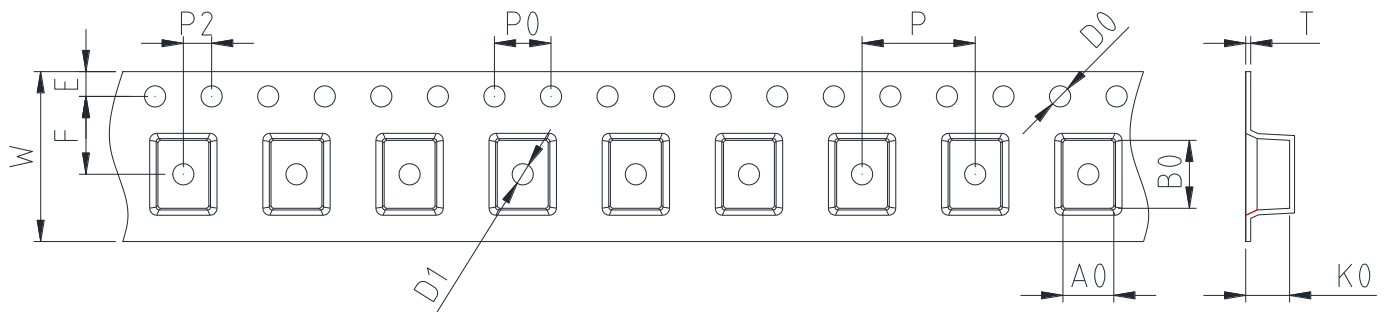
(1) Package quantity : 2,500 (pcs/reel)

(2) Reel Dimensions (unit:mm)



A	B	C	D	E	F
12.50	100.0	2.30	330.0	2.30	10.75
+0.50	+1.00	+0.20	+3.00	+0.30	+0.30
-0.50	-1.00	-0.20	-3.00	-0.30	-0.30

(3) Tape Dimensions



W	A0	B0	K0	E	F	P	P0	P2	D0/D1	T
12.00	3.60	4.80	3.10	1.75	5.50	8.00	4.00	2.00	1.50	0.35
+0.30	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.05
-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.00	-0.05

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