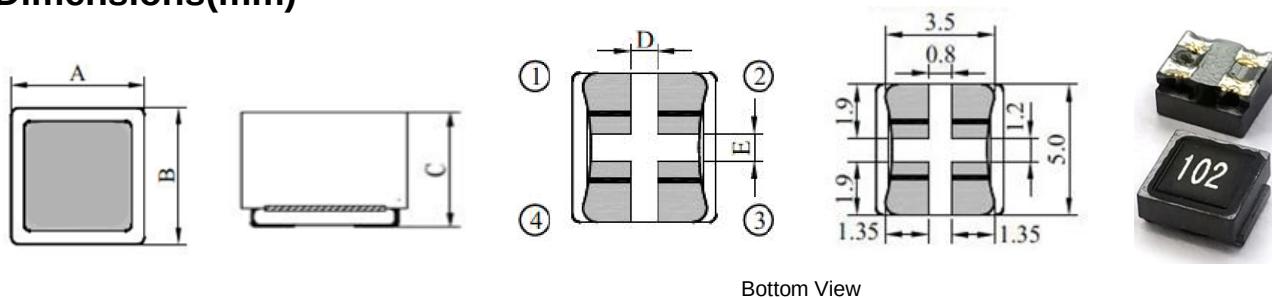


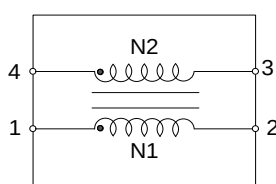
Dimensions(mm)



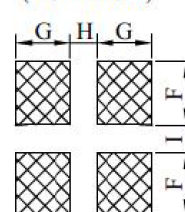
Type	A	B	C	D	E	F	G	H	I	Packaging (pcs/reel)
CMDR5020S	4.8±0.5	5.0±0.5	2.5 max	0.8	1.0±0.2	2.3	1.6	0.8	1.0	2500
CMDR5040S	4.8±0.5	5.0±0.5	3.8 max	0.8	1.0±0.2	2.3	1.6	0.8	1.0	1000

Dimensions without tolerance are typical.

Schematic Diagram



(PCB Pattern)



CMDR5020S Electrical Characteristics

Part Number	Impedance① (Ω) at 100MHz	Rated Voltage (VDC)Max.	Rated Current (A)Max. ②	DC Resistance (mΩ)Max. ③	Insulation Resistance (MΩ)Min.	Marking
CMDR5020S-101TS	100	50	6.0	13	10	101
CMDR5020S-251TS	250	50	5.0	20	10	251
CMDR5020S-501TS	500	50	4.0	27	10	501
CMDR5020S-102TS	1000	50	2.0	34	10	102
CMDR5020S-142TS	1400	50	1.5	56	10	142
CMDR5020S-152TS	1500	50	1.5	56	10	152

CMDR5040S Electrical Characteristics

Part Number	Impedance (Ω) at 100MHz Typ.	Inductance (uH) 100KHz/0.1V	Rated Voltage (VDC)Max.	Rated Current (A)Max. ②	DC ③ Resistance (mΩ) Max.	Insulation Resistance (MΩ) Min.	Marking
CMDR5040S-191TS	190	0.6 Typ.	50	5.0	20	10	191
CMDR5040S-351TS	350	1.1 Typ.	50	2.0	40	10	351
CMDR5040S-501TS	500	2.3 Typ.	50	1.0	230	10	501
CMDR5040S-102TS	1000	3.7 Typ.	50	1.5	60	10	102
CMDR5040S-152TS	1500	5.6 Typ.	50	1.0	100	10	152
CMDR5040S-302TS	3000	8.0 Typ.	50	0.5	200	10	302
CMDR5040S-402TS	4000	18 Typ.	50	0.2	300	10	402

① Impedance measured on a 4991A Keysight Technologies or equivalent.

② Rated Current: The DC current at which $\Delta t=40^{\circ}\text{C}$, measure pin1 to 2, short pin3,4 (at 25°C).

③ DCR measured on a micro-ohmmeter (Single winding)

All specifications are subject to change without notice.