

Common Mode Filter

CMF4520-Series



REV: 0

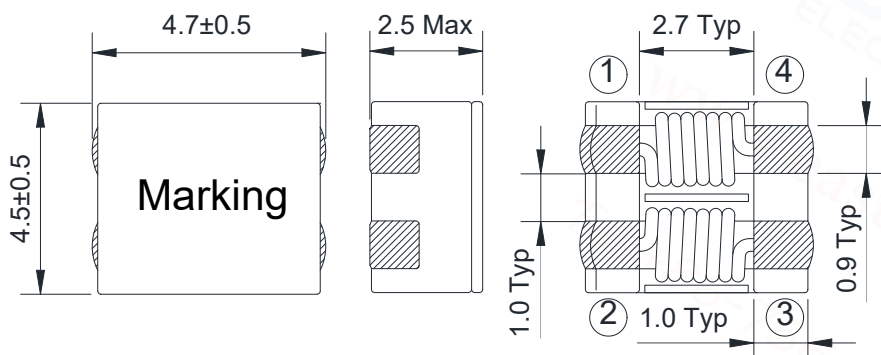
Features

- ▶ Due to the low profile design, it is suitable for surface mount.
- ▶ High impedance characteristic has been achieved a superior effect for common mode noise suppression.
- ▶ Have achieved miniaturization while keeping characteristics by adoption of exclusive square type closed magnetic cores.

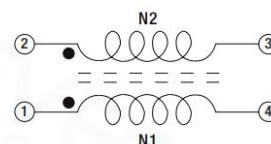
Applications

- ▶ For DC power lines (elec-tronics control equipment, multi-media etc).

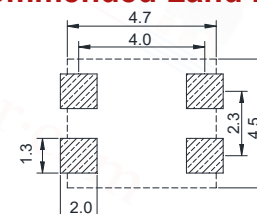
Dimension (Unit:mm)



Circuit Diagram



Recommended Land Pattern



Specifications

- Impedance measure condition at 100MHz,0.1V.
- Isat: the value of DC current when the temperature rise is AT40°C (Ta=25°C) .

Part Number	Impedance		D.C.R (mΩ) Max.	Rated Current (A) Max.	Rated Voltage (Vdc) Max.	Insulation Resistance (MΩ) Min.	Marking
	Min. Value (Ω)	Typ Value (Ω)					
CMF4520-900	60	90	35	3.2	50	10	900
CMF4520-151	90	150	40	3.2	50	10	151
CMF4520-231	180	230	45	3.0	50	10	231
CMF4520-301	200	300	45	3.0	50	10	301
CMF4520-381	250	380	50	2.5	50	10	381
CMF4520-401	300	420	50	2.5	50	10	401
CMF4520-501	350	500	55	2.4	50	10	501
CMF4520-701	500	700	58	2.2	50	10	701
CMF4520-901	650	900	60	2.1	50	10	901
CMF4520-102	800	1000	60	2.1	50	10	102
CMF4520-122	1000	1200	70	2.0	50	10	122
CMF4520-142	1200	1400	80	1.9	50	10	142
CMF4520-202	1800	2000	120	1.5	50	10	202
CMF4520-302	2500	3000	180	1.0	50	10	302

Packaging

- Package quantity : 1000 (pcs/reel)



Balun Transformer | Coupler | Divider | Inductor | Choke | Bead | Air Coil | LAN Transformer