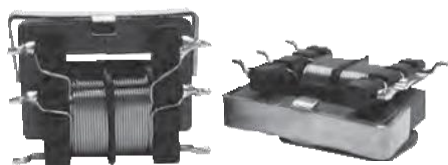


# MGT-52300A

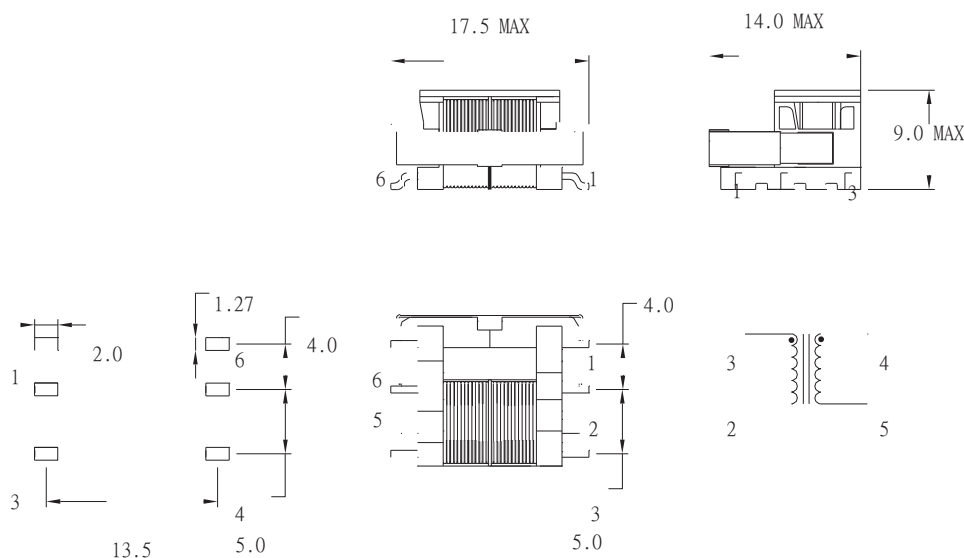


## AC Line Filters EMI/RFI Common Mode Choke (SMD Type)



- Prevents noise emission, such as electromagnetic interference (EMI) & radio frequency interference(RFI)  
Protects AC side from the effects of switching
- regulators  
Wide range of available inductances and current
- ratings

### Mechanical Dimensions:



RECOMMENDED PCB LAYOUT

UNIT:mm

### Electrical Specifications at 25°C — Operating Temperature -25°C to 125°C

Part Number	Inductance (mH MIN)	DCR 25°C (ΩMax)	Rated current Iac(A)
MGT-52301A	10	8.0	0.1
MGT-52302A	8	6.0	0.2
MGT-52303A	5	3.0	0.3
MGT-52304A	2	1.0	0.5
MGT-52305A	1	0.6	0.7
MGT-52306A	0.5	0.3	1.0

1. Inductance tested at 10KHz / 0.1Vrms.

2. Rated Voltage : 250VAC/VDC

3. Withstanding Voltage : 1500VAC

4. Insulation resistance : at 500VDC, more than 100MΩ

