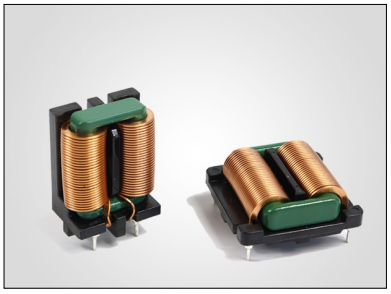
Common Mode Choke (Flat Wire Line Filter) - SQ1212 Series

Meisongbei



Features

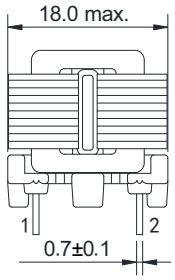
- Power Range: 20-60W
- Vertical and Horizontal mount
- Flat wire winding on closed magnetic path core
- Smaller winding form factor
- Flat wire dramatically reduces parasitic capacitance
- High magnetic saturation characteristics
- High attenuation to the normal mode noise
- Automatic winding for improved reliability

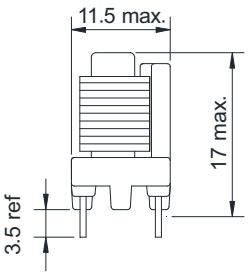
Applications

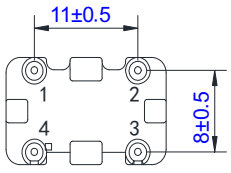
- Rated Voltage: AC/DC 250V
- Test Condition: 1KHz 0.25V
- Operating Temperature: -25ºC to +125ºC
- Storage Temperature: -25ºC to +100ºC
- Withstanding Voltage: 1.5KVAC 60SEC.

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free (Cl Br)

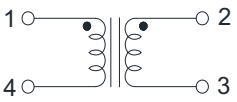
Dimensions & Configurations (Unit:mm)



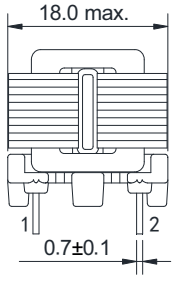


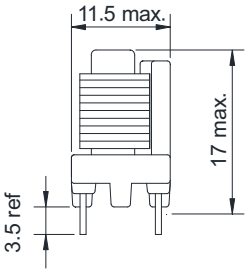


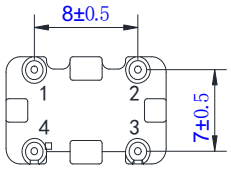
V : Vertical Type



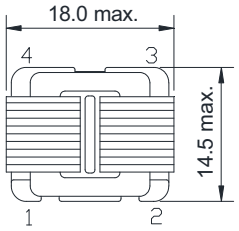
Suggest PCB hole: ≥Φ1.2mm

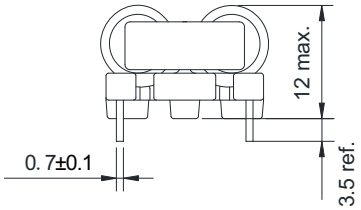


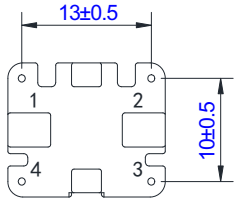




V1 : Vertical Type







H : Horizontal Type

Electrical Characteristics For SQ1212V / SQ1212V1 / SQ1212H Series

Part Number			Inductance [mH] (Min.)	Wire (mm)	DCR [mΩ] (Max.)	Rated Current [A]
SQ1212V-802U	SQ1212V1-802U	SQ1212H-802U	8	0.15*1.0	150	2.2
SQ1212V-103U	SQ1212V1-103U	SQ1212H-103U	10	0.13*1.0	180	2.0
SQ1212V-153U	SQ1212V1-153U	SQ1212H-153U	15	0.10*1.0	200	1.5
SQ1212V-203U	SQ1212V1-203U	SQ1212H-203U	20	0.10*1.0	220	1.5
SQ1212V-253U	SQ1212V1-253U	SQ1212H-253U	25	0.10*1.0	240	1.4