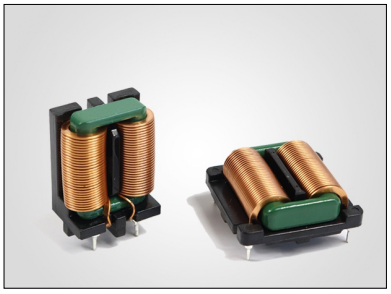
Common Mode Choke (Flat Wire Line Filter) - SQ1515 Series

Meisongbei



Features

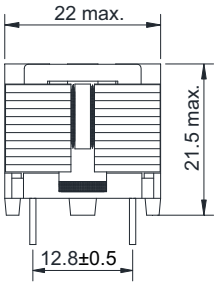
- Power Range: 60-150W
- Vertical and Horizontal mount
- Flat wire winding on closed magnetic path core
- Smaller winding form factor
- Flat wire dramatically reduces parasitic capacitance
- High magnetic saturation characteristics
- High attenuation to the normal mode noise
- Automatic winding for improved reliability

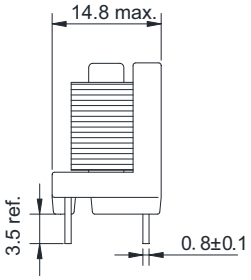
Applications

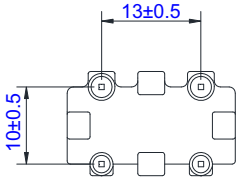
- Rated Voltage: AC/DC 250V
- Test Condition: 1KHz 0.25V
- Operating Temperature: -25ºC to +125ºC
- Storage Temperature: -25ºC to +100ºC
- Withstanding Voltage: 1.5KVAC 60SEC.

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

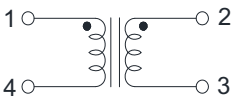
Dimensions & Configurations (Unit:mm)



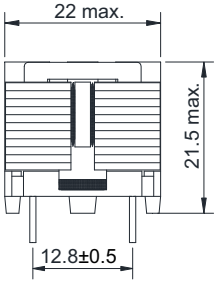


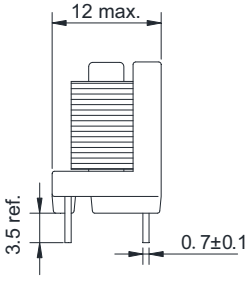


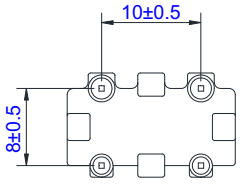
V : Vertical Type



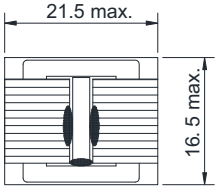
Suggest PCB hole: ≥Φ1.4mm

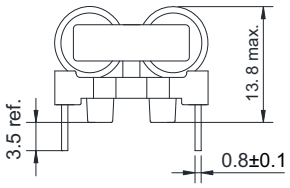


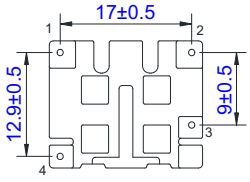




V1 : Vertical Type







H : Horizontal Type

Electrical Characteristics For SQ1515V / SQ1515V1 / SQ1515H Series

Part Number			Inductance [mH] (Min.)	Wire (mm)	DCR [mΩ] (Max.)	Rated Current [A]
SQ1515V-302U	SQ1515V1-302U	SQ1515H-302U	3	0.3*1.5	70	4.5
SQ1515V-502U	SQ1515V1-502U	SQ1515H-502U	5	0.25*1.5	80	3.6
SQ1515V-103U	SQ1515V1-103U	SQ1515H-103U	10	0.2*1.5	80	3.0
SQ1515V-153U	SQ1515V1-153U	SQ1515H-153U	15	0.15*1.0	200	2.2
SQ1515V-183U	SQ1515V1-183U	SQ1515H-183U	18	0.15*1.0	200	1.8
SQ1515V-303U	SQ1515V1-303U	SQ1515H-303U	30	0.10*1.0	350	1.2