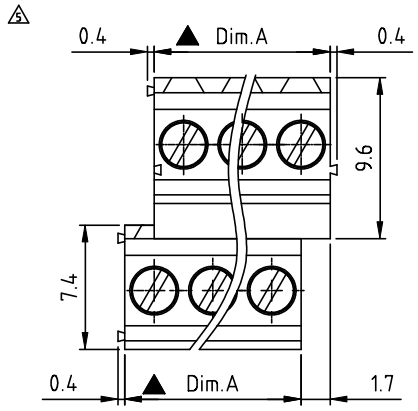
RoHS Compliant

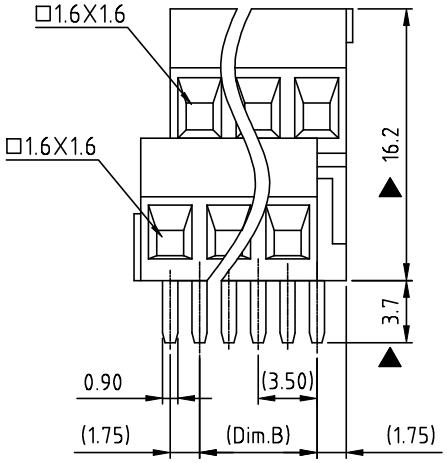
| Rev. | SIGN | DATE | DESCRIPTION | APPROVER |
|---|---|---|---|---|
| D | 1 | 2007.01.18 | Soldering temperature changed from 245° to 250° | Tason |
| | 2 | 2007.01.18 | Part NO is Changed | Tason |
| E | 3 | 2008.06.06 | Voltage rating is Changed 150V to 300V | Marvin |
| | 4 | 2008.06.06 | Operating temperature is Changed | Marvin |
| F | 5 | 2019.05.08 | Increase RoHS Compliant to replace drawing frame | ZHEN BING |
| | 6 | 2019.05.08 | Increase key dimension representation | ZHEN BING |
| | 7 | 2019.05.08 | Update drawing for lead free certification and add color panchromatic | ZHEN BING |
| | 8 | 2019.05.08 | The dimension is change from 16.1 to16.2 | ZHEN BING |
| | 9 | 2019.05.08 | Add the reference dimension and note description | ZHEN BING |
| | 10 | 2019.05.08 | Remove DimB tolerance | ZHEN BING |
| *THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!* | | | | |

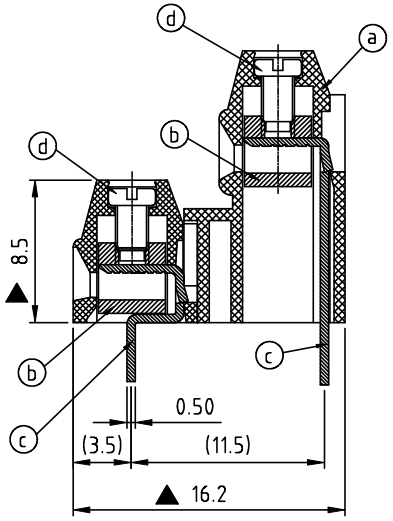



| Dim.A=N×3.5 |
|---|
| Dim.B=(N-1)×3.5 |

N=1/2Number of poles

| POLES | Dim.A ⑩ |
|---|---|
| 2×2p-2×6p | +0.15/-0.15 |
| 2×7p-2×12p | +0.20/-0.20 |
| 2×13p-2×18p | +0.25/-0.25 |
| 2×19p-2×24p | +0.30/-0.30 |




Material:

- Item ⓐ Terminal housing : Thermoplastic (UL 94V-0)
- Item ⓑ Clamp : Brass ,Ni plated
- Item ⓒ Wire guard solder pin : Brass ,Tin plated
- Item ⓓ Terminal screw: Steel Zinc plating"-"slot type

Electrical cULus

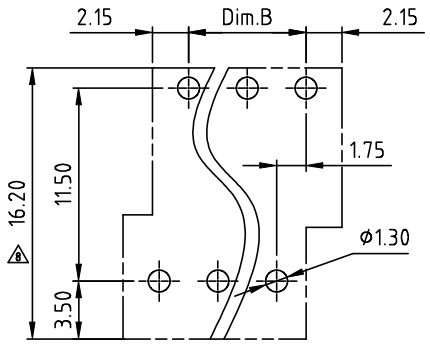
③
- Voltage rating: 300VAC
- Current rating: 10A
- Wire range:
- Solid wire(AWG): 16-24
- Stranded wire(AWG): 16-24
- Torque(Lb-In): 1.7
- Screw: M2
- Wire strip length: 5-6mm
- Withstanding Voltage: 1.6KV
- Operating temperature: -40°C to +115°C

④ Wave Soldering temperature: 260°C±5°C/5 Sec

① Safety Approval: c UL us

⑥ Critical dimension: ▲

⑨ Reference dimension: ( × )The dimensions of pitch are just for reference, take the actual assembly result as a judgment when inserting the terminal block into the PCB hole.




RECOMMENDED PCB LAYOUT
TOP VIEW

② YQ xx 01 x 0 xxxx G

① RoHS compliant (lead<4%) In copper Alloy

04 2×2 POLES
06 2×3 POLES
... ...
48 2×24 POLES

Color ⑦
0 Black (RAL9005)
2 Red (RAL3001/D)
3 Orange(RAL2011/P)
4 Yellow(RAL1018/A)
5 Green(RAL6018/T)
6 Blue (RAL5015/A)
8 Grey(RAL7035/D)
9 White(RAL1102)
C Green(RAL6018/U)

0000:"@"Logo (Standard )
000A:"ANYTEK"Logo
Any special item by customer request, please contact sales department.

⑤

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| | | | | | |
|---|---|---|---|---|---|
| TITLE | YQ-3.5mm -L series | | | | |
| PART NO. | YQxx01x0xxxxG | | | DWG NO. | 8YQ0001 |
| APPROVED | CHECKED | DESIGNED | DRAWN | CUST NO. | |
| | | ZHEN BING 2019.05.06 | ZHEN BING 2019.05.06 | UNIT: mm / SCALE: NONE / SHEET: 01/01 / REV.: F | |

| Tolerance | |
|---|---|
| X. | ±0.50 |
| X.X | ±0.30 |
| X.XX | ±0.10 |
| X° | ±1° |