



| | | | |
|------|------|--|----------|
| SIGN | DATE | DESCRIPTION | APPROVER |
| △ | | THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! | |

- Material**
- Item 1 Terminal housing : Thermoplastic (UL94V-0)
 - Item 2 Terminal screw : Steel Zinc plating "--" slot type
 - Item 3 Clamp : Brass, Ni plated
 - Item 4 Wire guard solder pin : Brass, Tin plated
- Electrical** cULus
- 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
 - Soldering temperature: 250°C±10°C/5 Sec
 - Safety Approval: cULus

ER xx 01 x 0 xxxx G

| | | |
|-----------------------------------|---------------------|----------------------|
| No. of poles end stackable design | 0 Black (RAL9005) | RoHS Pb<4,000ppm |
| 02 2 CONTACTS | 2 Red (RAL3001/D) | A000 Standard @ Logo |
| 03 3 CONTACTS | 3 Orange(RAL2011/P) | |
| | 4 Yellow(RAL1018/A) | |
| 24 24 CONTACTS | 5 Green(RAL6018/T) | |
| | 6 Blue (RAL5015/A) | |
| | 8 Grey(RAL7035/D) | |

| Poles | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Dim L | 7.00 | 10.50 | 14.00 | 17.50 | 21.00 | 24.50 | 28.00 | 31.50 | 35.00 | 38.50 | 42.00 | 45.50 | |
| Dim B | 3.50 | 7.00 | 10.50 | 14.00 | 17.50 | 21.00 | 24.50 | 28.00 | 31.50 | 35.00 | 38.50 | 42.00 | |
| TOL | ±0.15 | | | | | | ±0.20 | | | | ±0.25 | | |
| Poles | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | |
| Dim L | 49.00 | 52.50 | 56.00 | 59.50 | 63.00 | 66.50 | 70.00 | 73.50 | 77.00 | 80.50 | 84.00 | | |
| Dim B | 45.50 | 49.00 | 52.50 | 56.00 | 59.50 | 63.00 | 66.50 | 70.00 | 73.50 | 77.00 | 80.50 | | |
| TOL | ±0.25 | | | ±0.30 | | | | ±0.40 | | | | | |

| | | | | | | | |
|---|-------------------------------|---------------------|---------------------|----------------------|---------|-------------|------------|
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| TITLE | ER 3.5 Series 180D (2P-24P) | | | | | | |
| PART NO. | ERxx01x0xxxxG | | | DWG NO. | 8ER0002 | | |
| APPROVED | CHECKED | DESIGNED | DRAWN | CUST NO. | | Tolerance | |
| | | Aaron 2010.04.06 | Aaron 2010.04.06 | | | UNIT: mm | X. ±0.50 |
| | | | | SHEET: 01/01 | | SCALE: NONE | X.X ±0.30 |
| | | | | | | REV.: B | X.XX ±0.10 |
| | | | | | | | X° ±1° |

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