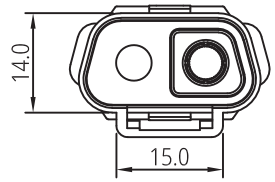
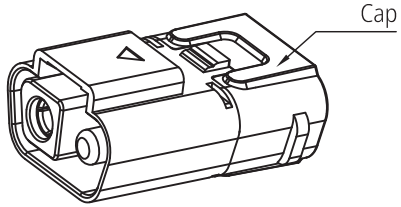
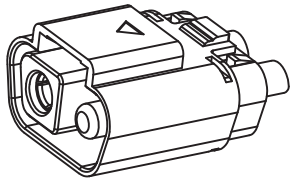
Patented product
专利产品
抑制涌流 Inhibit inrush current | 防火花 Anti Spark



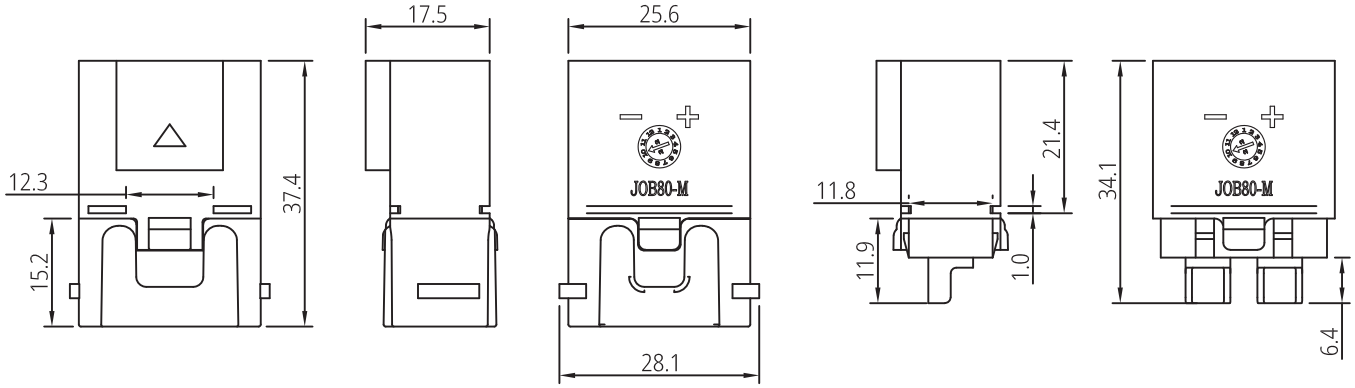



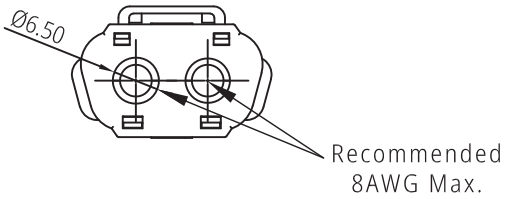

With Cap 3D View

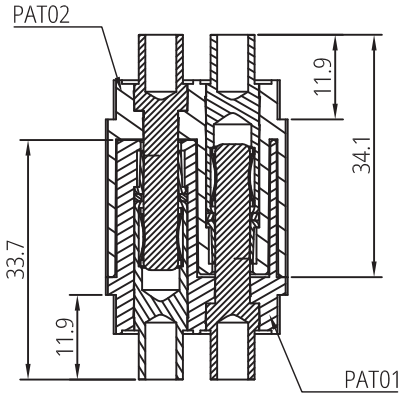


W/O Cap 3D View

| Item | P/N | Description |
|---|---|---|
| 1 | PAT0210BT001 | AT80 Power Conn. without Cap |
| 2 | PAT0210BT002 | AT80 Power Conn. with Cap |




Mating View

Notes:

1. Material Specification
   - 1-1.Housing: High Temperature Thermoplastic. UL94 V-0.
   - 1-2.Contact: High Conductivity Copper Alloy.
   - 1-3. Screw & Nut: Copper Alloy.
2. Plating Specification: Contact: Gold plating overall.
3. Electrical performance
   - 3-1. Voltage Rating: 200V DC max.
   - 3-2. Current Rating: 80A/Per Pin max.
   - 3-3. LLCR: 0.80mΩ max (initial); 1.80mΩ max (final).
   - 3-4. Dielectric Withstanding Voltage: 1500v DC rms/Power Pin.
   - 3-5. Insulation Resistance: 5000 MΩ min/Power Pin.
4. Mechanical Performance:
   - 4-1. Insertion force: 24.5N (2.5kgf) max @ per pair.
   - 4-2. Withdrawal force: 6N (0.6kgf) min @ per pair.
   - 4-3. Durability life: 2,000 cycles max.
5. Operating Temperature Range: -25~+125°c.
6. All parts RoHS and Reach compliant.

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| GENERAL TOLERANCES UNLESS SPECIFIED | | | |
|---|---|---|---|
| .X ± | 0.30 | X.° ± | 3° |
| .XX ± | 0.20 | .X° ± | 2° |
| .XXX ± | 0.05 | .XX° ± | 1° |

| | |
|---|---|
| CUSTOMER DRAWING | |
| SIZE | UNITS |
| A4 | mm[only] |

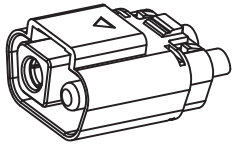
| | |
|---|---|
| PART NO. | PAT0210BT00X |
| APPROVED BY | Mike |
| CHECKED BY | Henry |
| DRAWN BY | Poplar |

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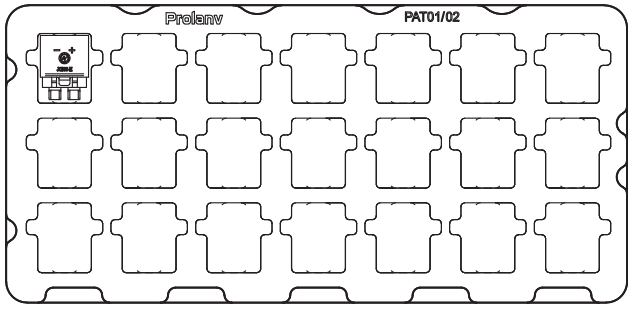
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|---|---|
| TITLE | AT80 Power Connector Wire-Harness Type. |
| DWG NO. | PAT02-10 |

| SHEET | SCALE | REV |
|---|---|---|
| 1 / 3 | 1:1 | A2 |

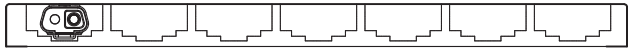
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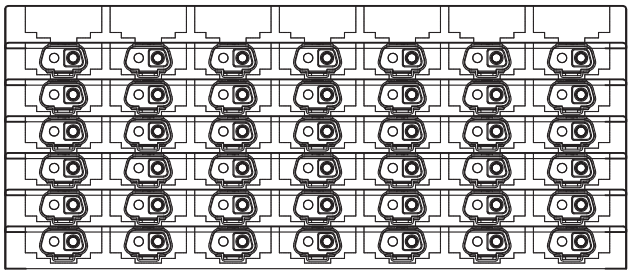


21 Pcs/Tray



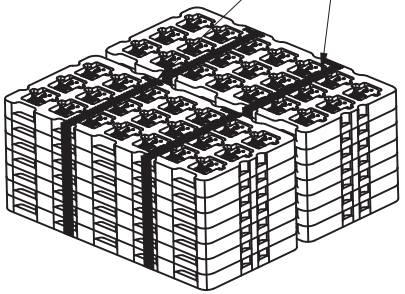




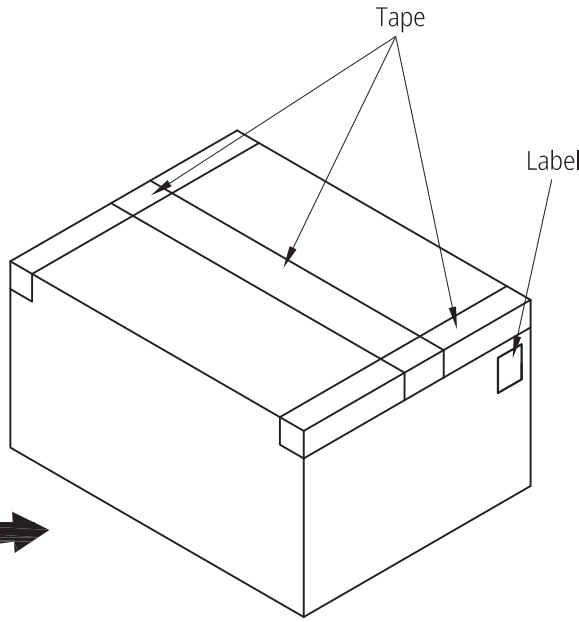
Total: 2x7 Layers

PE Film



Tape

Label



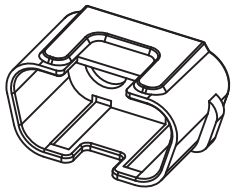
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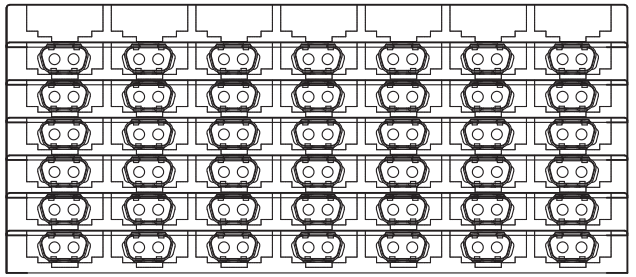
1. Q'ty: 21 Pcs/Tray, 2x6 Layers=252 Pcs/Carton.
2. Tray Pallet size: 330*158*22.5mm.
3. Carton size: 350*350*155mm.

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| GENERAL TOLERANCES UNLESS SPECIFIED | | PART NO. | Prolanv® |
|---|---|---|---|
| .X ± 0.30 | X.° ± 3° | PAT0210BT001 | |
| .XX ± 0.20 | .X° ± 2° | APPROVED BY Mike | TITLE AT80 Power Connector Wire-Harness Type Packaging |
| .XXX ± 0.05 | .XX° ± 1° | | |
| CUSTOMER DRAWING | | CHECKED BY Henry | DWG NO. P-PAT02-10 |
| SIZE A4 | UNITS mm[only] | DRAWN BY Poplar | SHEET 2 / 3 · SCALE N/A · REV A0 |

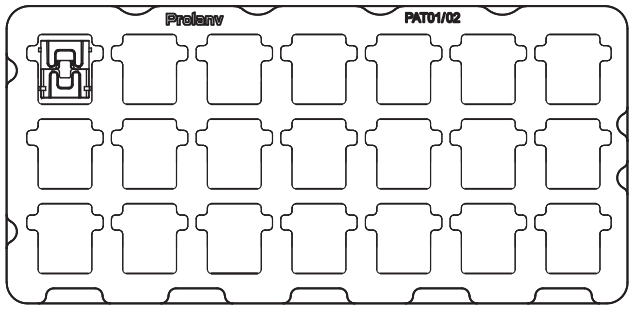
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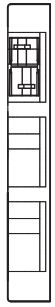




Total: 2x7 Layers

42 Pcs/Tray



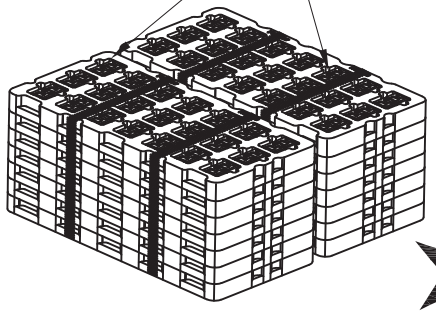



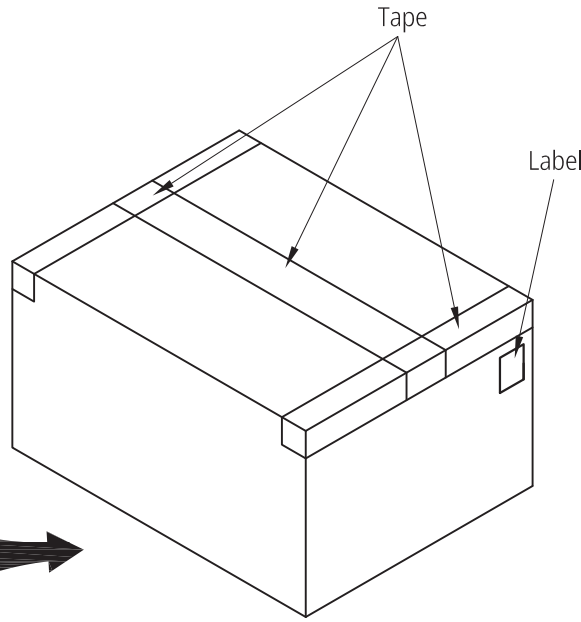


PE Film

Tape

Label





Notes:

1. Q'ty: 42 Pcs/Tray, 2x6 Layers=504 Pcs/Carton.
2. Tray Pallet size: 330*160*22.5mm.
3. Carton size: 350*350*155mm.

| | | | |
|---|---|---|---|
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| | | APPROVED BY Mike | TITLE AT80 series Power Connector' Cap |
| | CUSTOMER DRAWING | CHECKED BY Henry | DWG NO. P-PAT02-03 |
| | SIZE A4 / UNITS mm[only] | DRAWN BY Poplar | SHEET 3 / 3 / SCALE N/A / REV A0 |

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