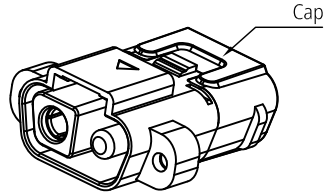
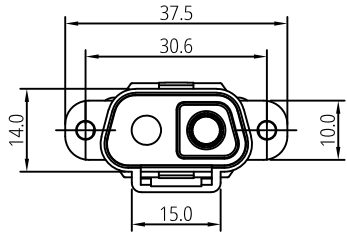
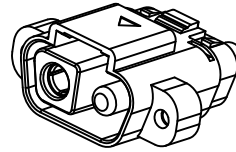


Patented product
专利产品

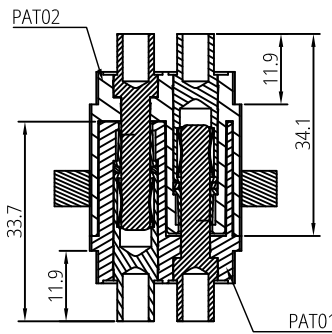
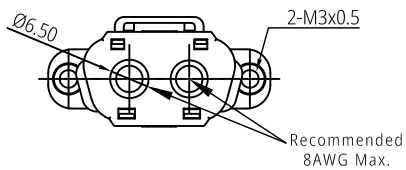
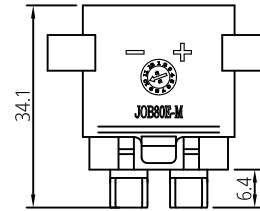
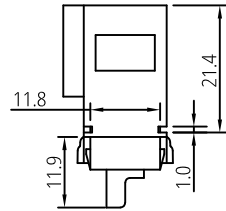
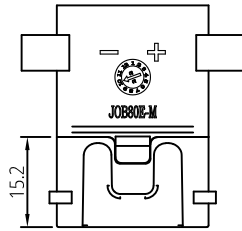
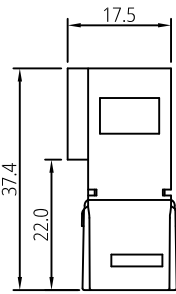
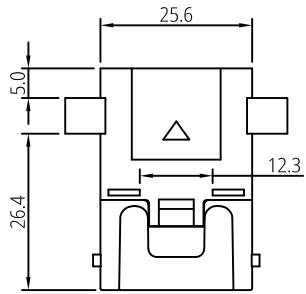
抑制涌流 Inhibit inrush current | 防火花 Anti Spark



With Cap 3D View



W/O Cap 3D View



Mating View

Item	P/N	Description
1	PAT0220BT001	AT80 Power Conn. without Cap
2	PAT0220BT002	AT80 Power Conn. with Cap

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 max @ per pin.

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.

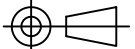
4-2. Withdrawal force: 6N (0.6kgf) min @ per pair.

4-3. Durability life: 2,000 cycles max.

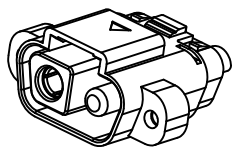
5. Operating Temperature Range: -25~+125°C.

6. All parts RoHS and Reach compliant.

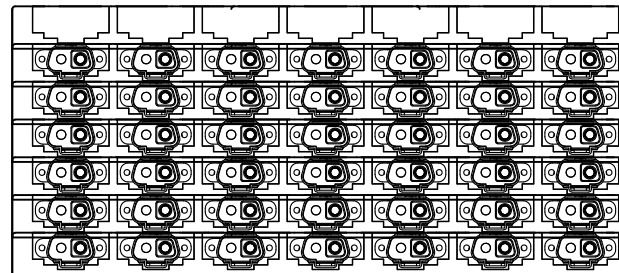
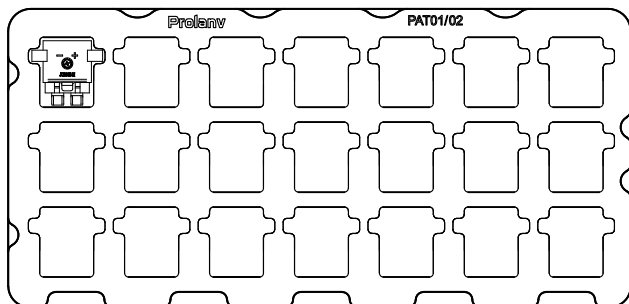
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®								
X±	0.30	PAT0220BT00X	TITLE AT80 Power Connector Wire-Harness Type.								
X°	3°										
XX±	0.20					APPROVED BY Mike					
XXX±	0.05		CHECKED BY Henry	DWG NO. PAT02-20							
SIZE	UNITS	DRAWN BY Poplar	 <table border="1"> <tr> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>1 / 3</td> <td>1:1</td> <td>A2</td> </tr> </table>			SHEET	SCALE	REV	1 / 3	1:1	A2
SHEET	SCALE	REV									
1 / 3	1:1	A2									
A4	mm[only]										

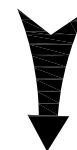
1 2 3 4 5 6 7 8



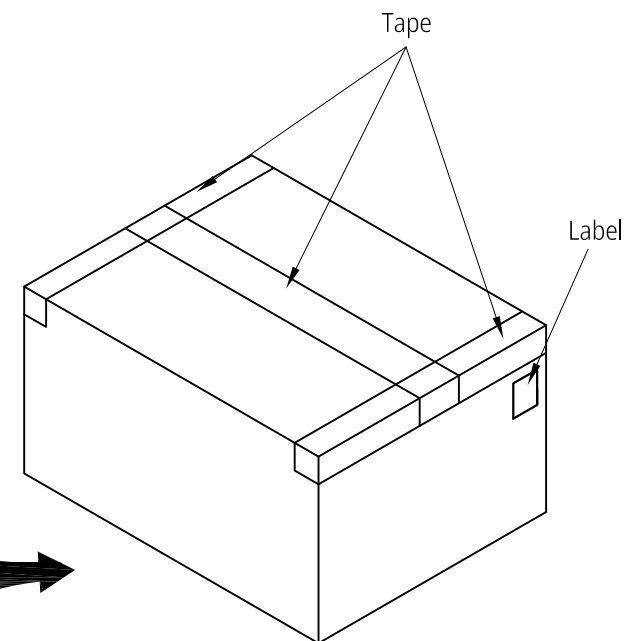
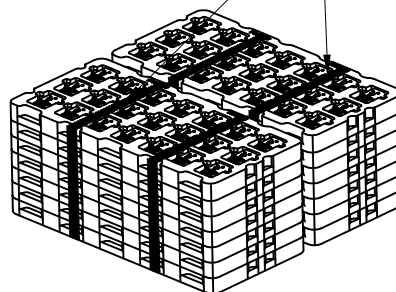
21 Pcs/Tray



Total: 2x7 Layers

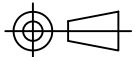


PE Film



Notes:

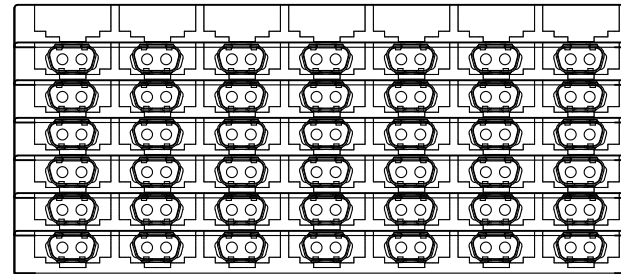
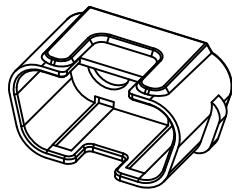
1. Q'ty: 21 Pcs/Tray, 2x6 Layers=252 Pcs/Carton.
2. Tray Pallet size: 330*158*22.5mm.
3. Carton size: 350*350*155mm.

THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®		
	X± 0.30	X°± 3°	PAT0220BT00X			
	XX± 0.20	X°± 2°	APPROVED BY	TITLE AT80 Power Connector Wire-Harness Type Packaging		
	XXX± 0.05	.XX°± 1°	Mike			
	CUSTOMER DRAWING		CHECKED BY	DWG NO. P-PAT02-20		
	SIZE A4		UNITS mm[only]			
		DRAWN BY				
		Poplar				SHEET 2 / 3

1 2 3 4 5 6 7 8

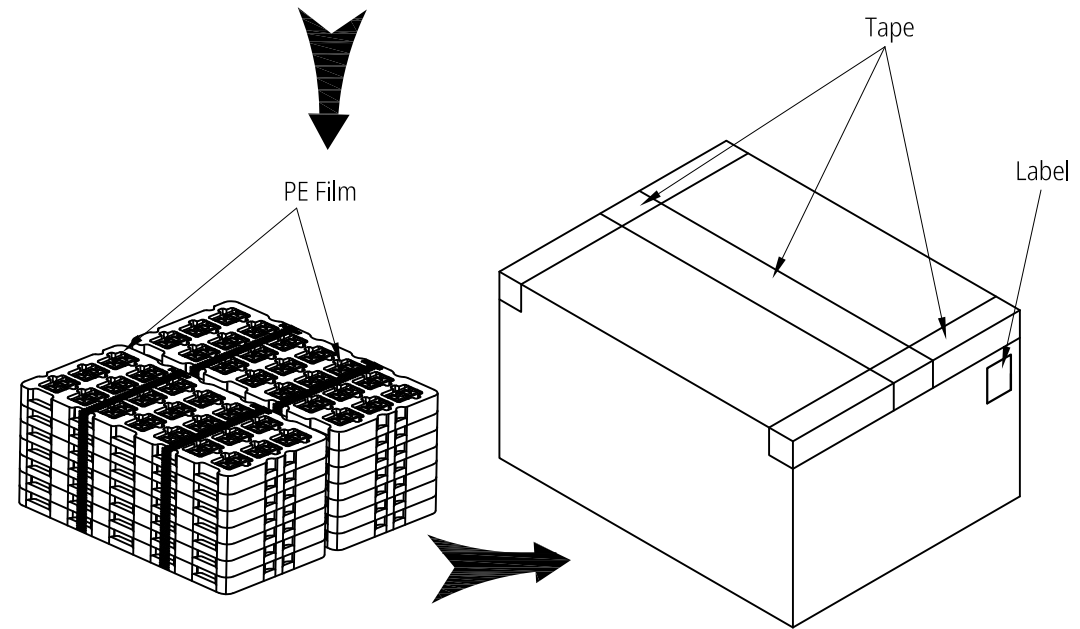
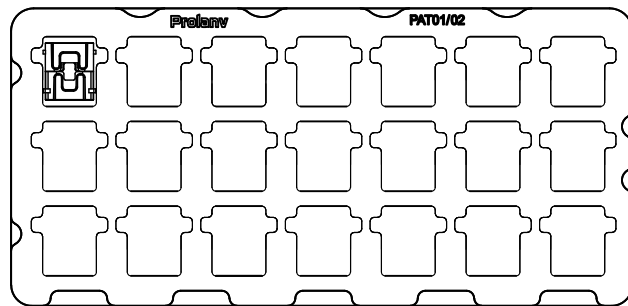
1 2 3 4 5 6 7 8

F
E
D
C
B
A



Total: 2x7 Layers

42 Pcs/Tray



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.

THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®			
	X ± 0.30	X° ± 3°	PAT02-203				
	XX ± 0.20	XX° ± 2°	APPROVED BY	TITLE			
	XXX ± 0.05	XXX° ± 1°	Mike	AT80 series Power Connector' Cap			
	CUSTOMER DRAWING		CHECKED BY	DWG NO.			
			Henry	P-PAT02-03			
SIZE	UNITS	DRAWN BY			SHEET	SCALE	REV
A4	mm[only]	Poplar			3 / 3	N/A	A0

1 2 3 4 5 6 7 8