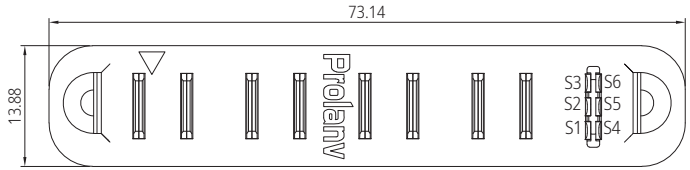
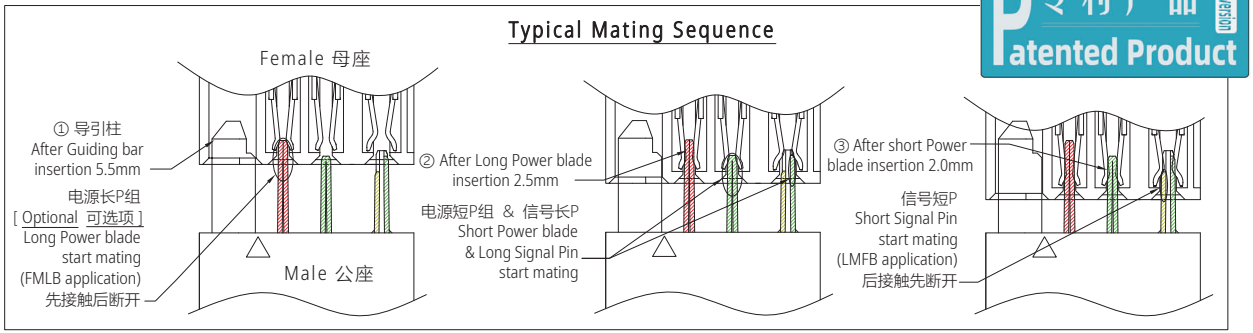
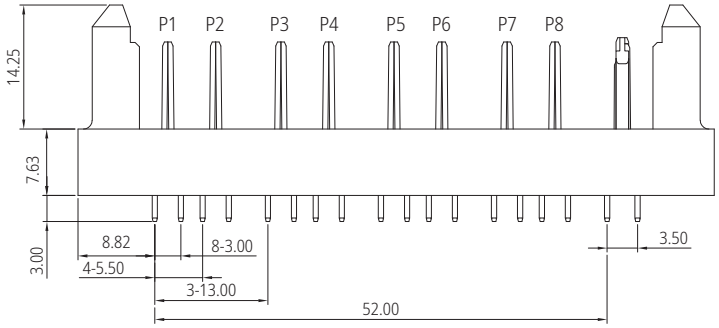
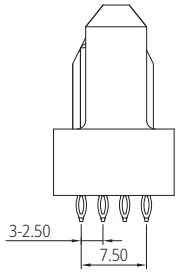
专利产品 2025-Version
Patented Product

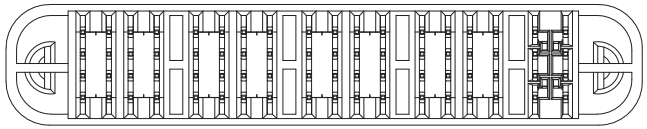


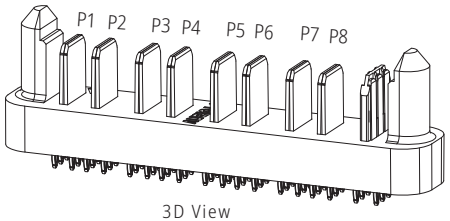
Typical Mating Sequence



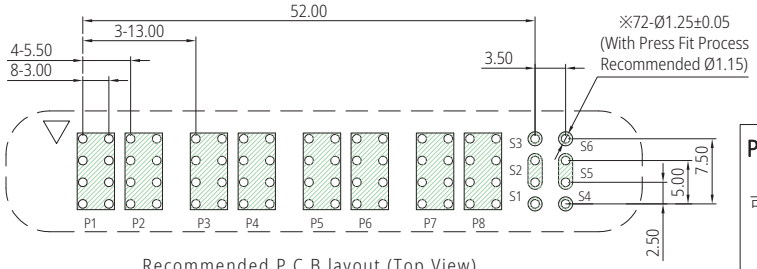








3D View



Recommended P.C.B layout (Top View)
Tolerance ±0.05

Notes:
1. Material Specification
   1-1.Housing: High Temperature Thermoplastic. UL94 V-0, Black.
   1-2.Contact: High Conductivity Copper Alloy.
2. Plating Specification:
   2-1.Contact: Gold plating on Contact area, matte Tin 80μ" min. on Tails and 80μ" min. Nickel overall.
3. Electrical performance
   3-1.Voltage Rating: 250v DC/Power Pin, 120v DC/Signal Pin.
   3-2.Current Rating: 60A/per Power Blade, 3A/ per Signal Pin.
   3-3.LLCR: initial 0.6mΩ max., finished 1.0mΩ maximum change (per Power Blade), initial 10mΩ max., finished 20mΩ max.(per Signal Pin)
   3-4.Dielectric Withstanding Voltage: 1500v DC rms/Power Blade; 500v DC rms/Signal Pin,
   3-5.Insulation Resistance: 5000 MΩ min/power blade; 500 MΩ min/signal pin;
4. Mechanical Performance:
   4-1.Insertion force: 19.6N (2.0 kgf) max./Per Pair.
   4-2.Withdrawal force: 4.5N~11N (0.4~1.2 kgf)/Per Pair.
   4-3.Durability life: 10,000 cycles (max.)
5. IR Reflow:
   The peak temperature on board shall be maintained for 10 seconds at 260±5°c.
6. Operating Temperature Range: -40~125°C.
7. All parts RoHS and Reach compliant.
8. ※ See SPS-PDC-06 for Terminal details.

Part Number: PDC1920F0001

- Optional Long Power blade 可选项 长电源P组数 | Pairs Code: 1~9 & A~C
- Long Power blade 长电源P组 | 起始位 Start location code: 1~9 & A~C
- Long Power blade 长电源P组 | 终止位 End location code: 1~9 & A~C

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

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.	PDC1920F0001
APPROVED BY	Henry
CHECKED BY	Poplar
DRAWN BY	Kaylee

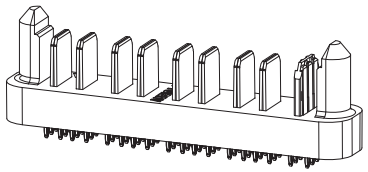
Prolanv®

TITLE: EN60A series | Power Male. 8PW+6S, Straight Type

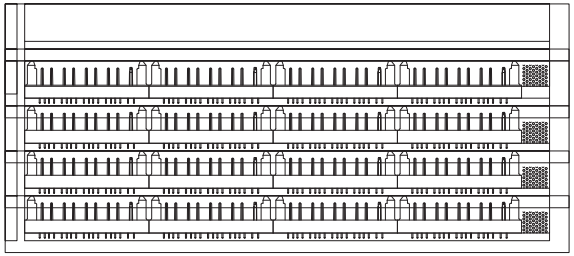
DWG NO. PDC19-20

SHEET	SCALE	REV
1 / 2	1:1	B3

Copyright Shenzhen Prolanv Inc. www.prolanv.com



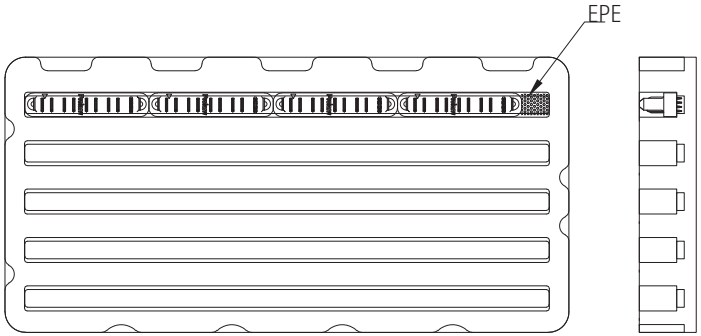
20 Pcs/Tray

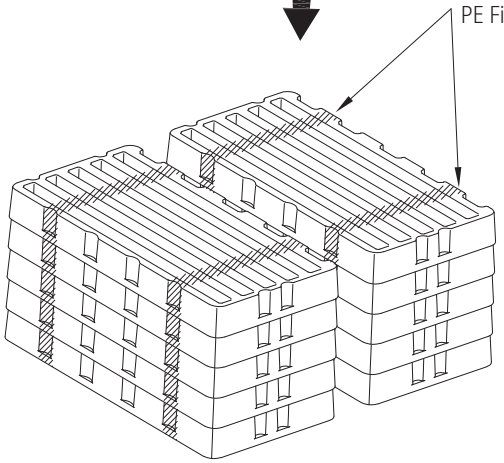


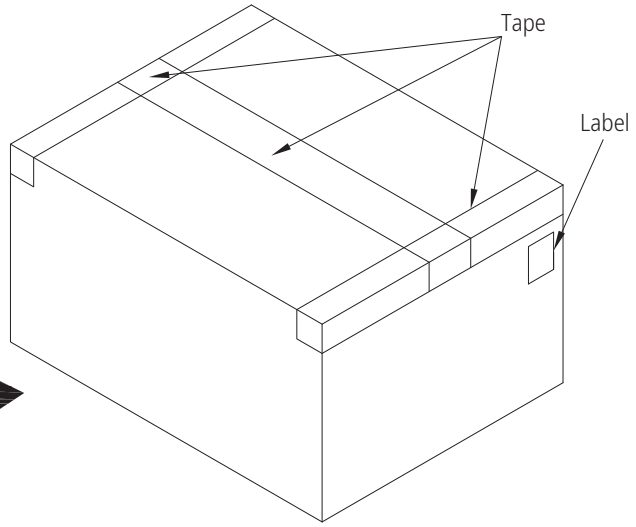
Total: 2x4 Layers

Notes:

1. Q'ty: 20 Pcs/Tray, 2x4 Layers=160 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
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			
.X ±	0.30	X.° ±	3°
.XX ±	0.20	.X° ±	2°
.XXX ±	0.05	.XX° ±	1°
CUSTOMER DRAWING			
SIZE	A4	UNITS	mm[only]

PART NO.	PDC1920F0001
APPROVED BY	Henry
CHECKED BY	Poplar
DRAWN BY	Kaylee

Prolanv®

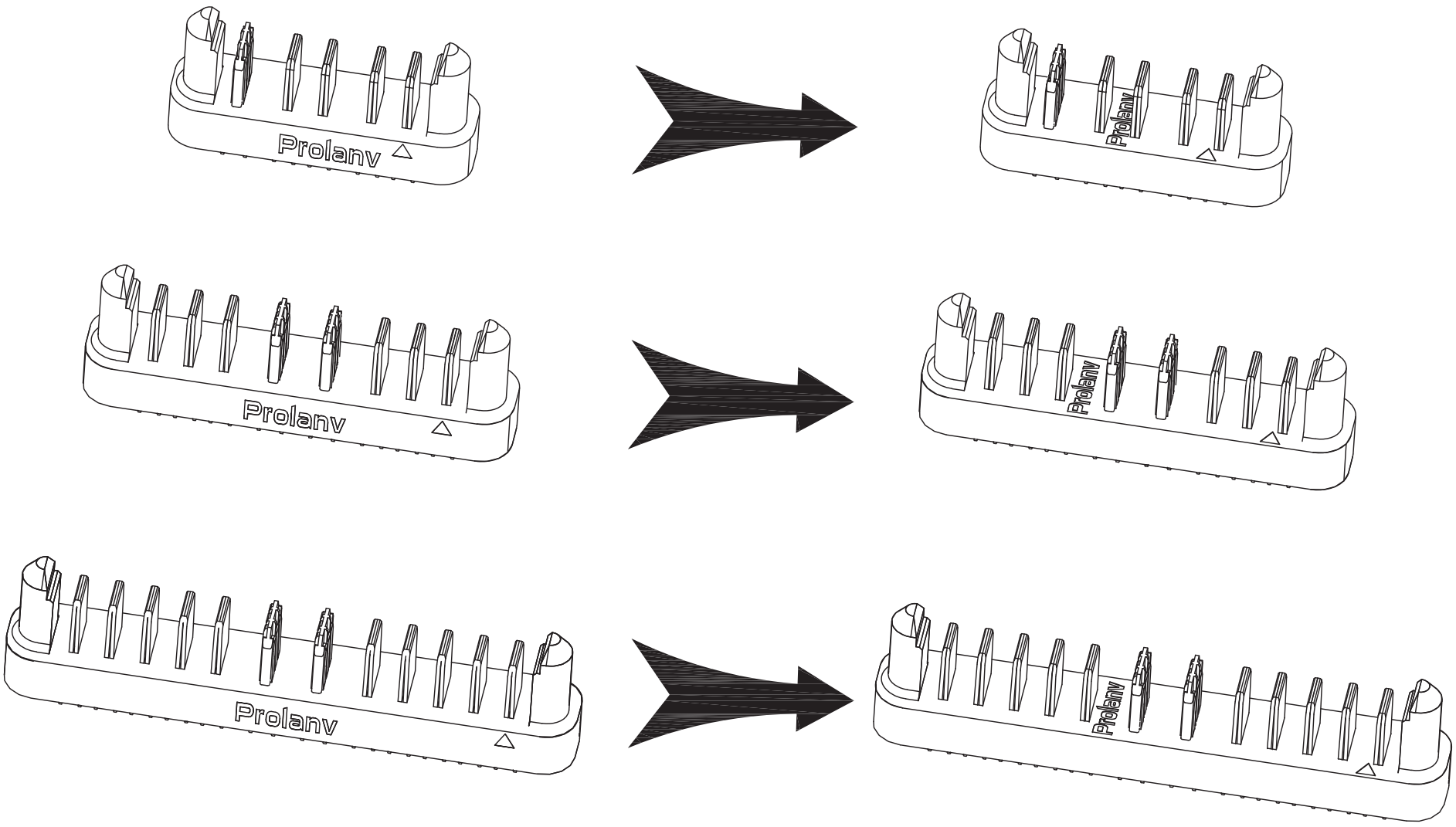
TITLE: EN60A series | Power Male. 8PW+6S, Straight Type, Packaging

DWG NO. P-PDC19-20

SHEET	SCALE	REV
2 / 2	N/A	A3

Copyright Shenzhen **Prolanv** Inc. www.prolanv.com

EN60A series marks upgraded



Copyright **Prolanv** Inc. www.prolanv.com