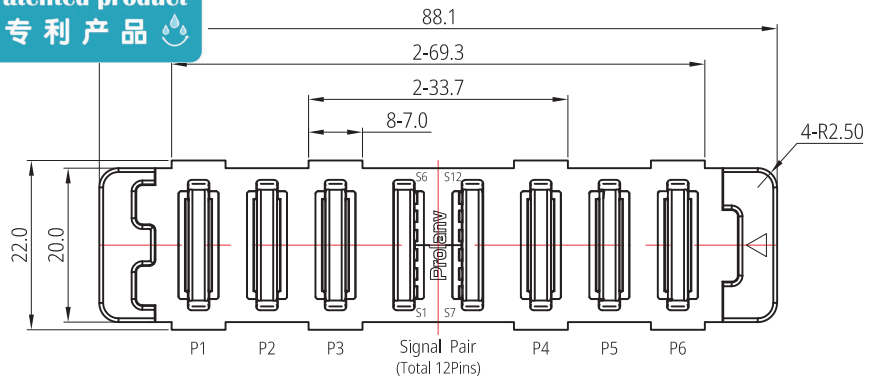
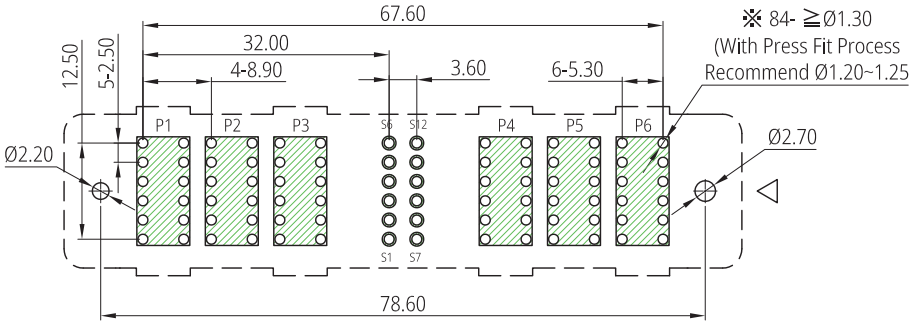
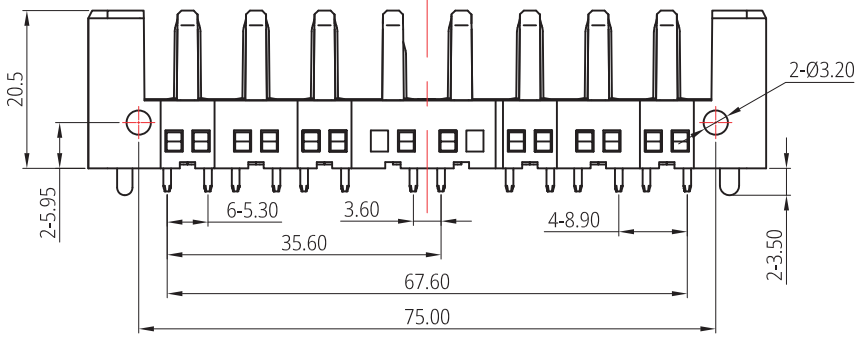
Patented product
专利产品

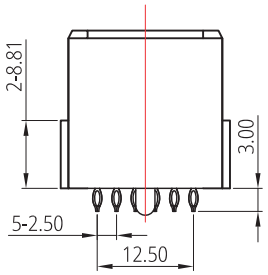


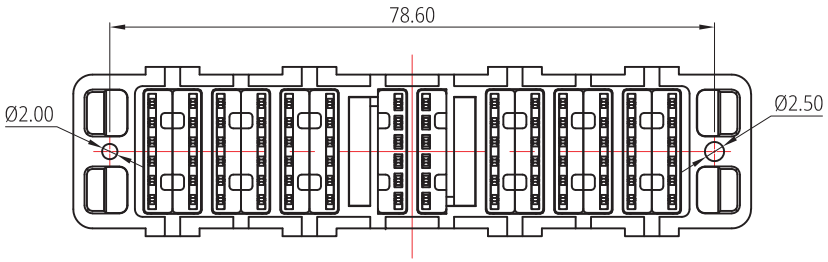


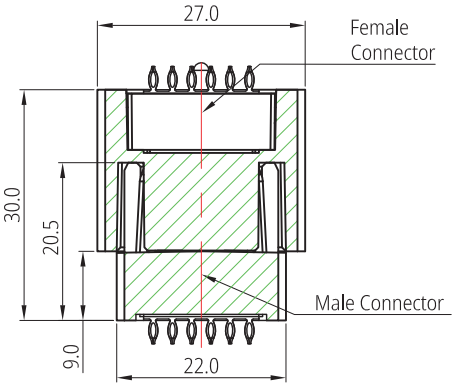
Recommended P.C.B layout (Top View)

Tolerance ±0.05

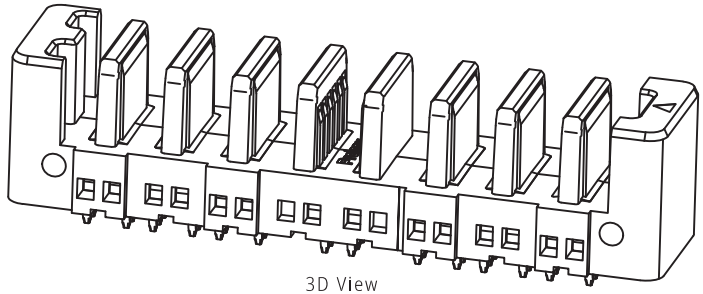








Mating View



3D View

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 50μ" min, Nickel overall.
3. Electrical performance
   3-1.Voltage Rating: 600v DC/250v AC/Power Blade, 120v AC/DC/Signal Pin.
   3-2.Current Rating: 150A Max./per Power Blade, 7.5A Max/Per Signal Pin.
   3-3.LLCR: initial 0.5mΩ max., finished 1.0mΩ maximum change.(per Power Blade), initial 10mΩ max., finished 20mΩ max.(per Signal Pin).
   3-4.Dielectric Withstanding Voltage: 2000v DC rms/Power Blade, 500v DC rms/Signal Pin.
   3-5.Insulation Resistance: 5000 MΩ min/power blade.
4. Mechanical Performance:
   4-1.Insertion force: 24.5N (2.5kgf) max./Per Pair.
   4-2.Withdrawal force: 4.9N (0.5kgf) min./Per Pair.
   4-3.Durability life: 5,000 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-08 for Terminal details.

Optimized version | Modular waterproof
升级版本，模组化防水结构

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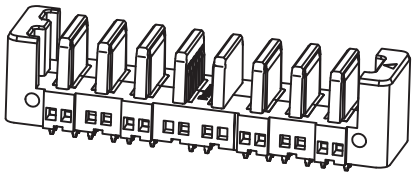
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.X ±	0.30	X.° ±	3°
.XX ±	0.20	.X° ±	2°
.XXX ±	0.05	.XX° ±	1°

CUSTOMER DRAWING		CHECKED BY	Poplar
SIZE	UNITS	DRAWN BY	Kaylee
A4	mm[only]		

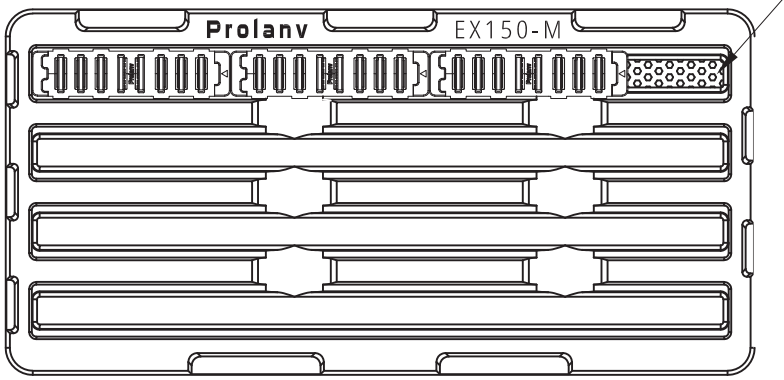
PART NO.	PDC3730F0001
APPROVED BY	Henry
TITLE	EX150 | blade Power Male 6PW+12S, Straight Type
DWG NO.	PDC37-30

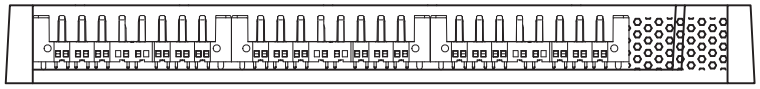
SHEET	SCALE	REV
1 / 2	1:1	A3

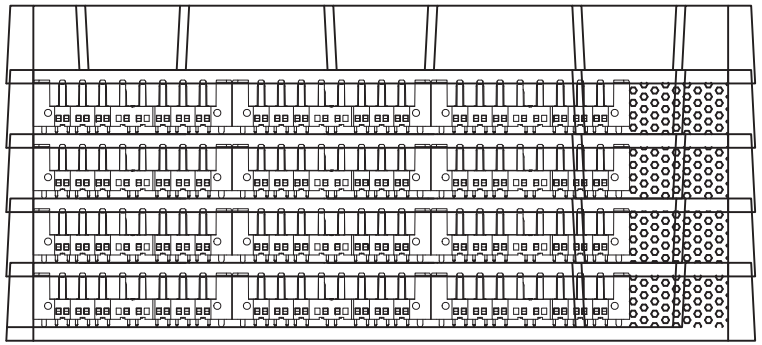
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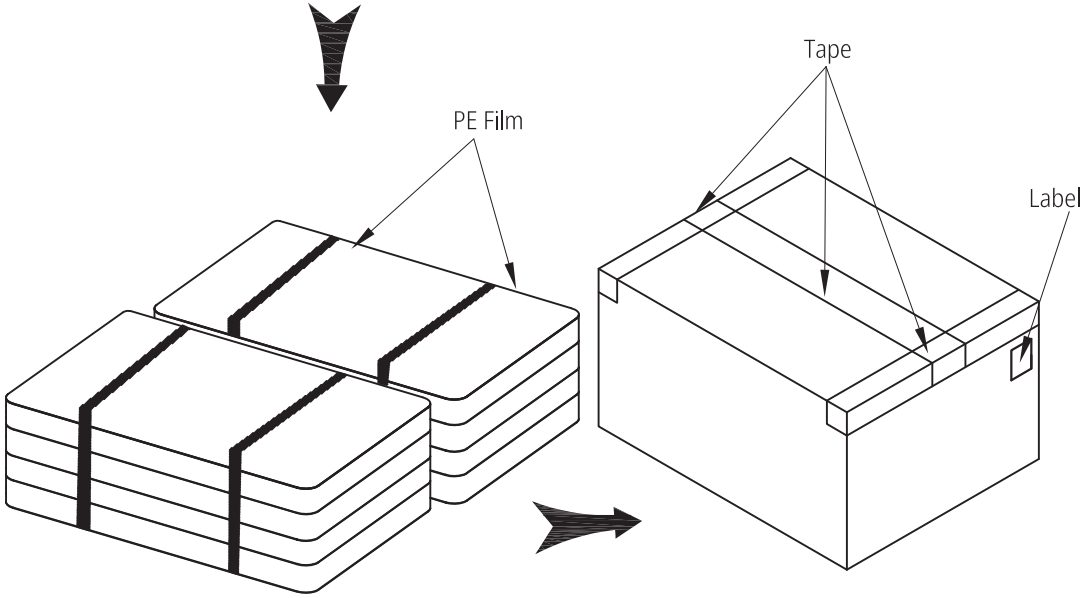


12 Pcs/Tray









Notes:

1. Q'ty:12 Pcs/Tray, 2x4 Layers=96 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.

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GENERAL TOLERANCES UNLESS SPECIFIED			PART NO.	Prolanv®
.X ± 0.30	X.° ± 3°		PDC3730F0001	
.XX ± 0.20	.X° ± 2°		APPROVED BY Henry	TITLE EX150 | balde Power Male 6PW+12S, Packaging
.XXX ± 0.05	.XX° ± 1°		CHECKED BY Poplar	DWG NO. P-PDC37-30
CUSTOMER DRAWING			DRAWN BY Kaylee	
SIZE	UNITS			SHEET 2 / 2 · SCALE N/A · REV A2
A4	mm[only]			

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