

F

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F

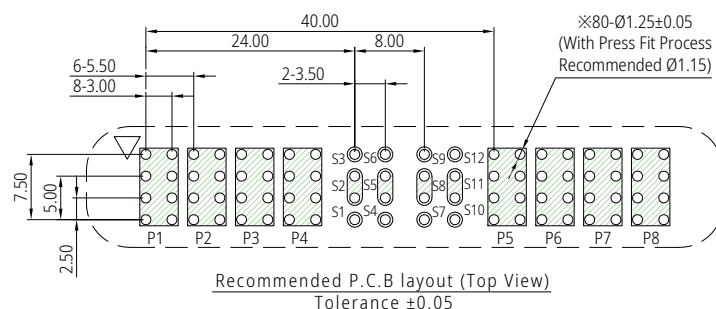
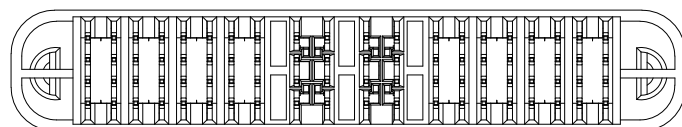
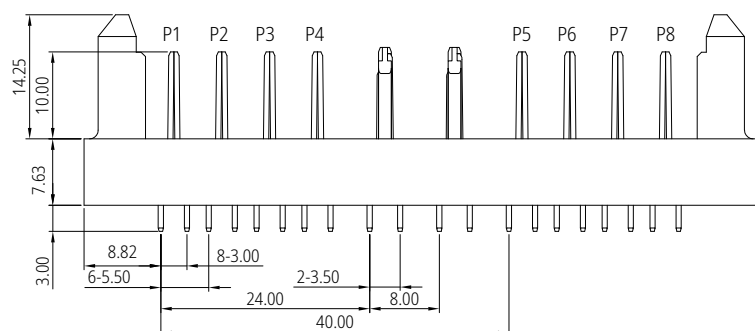
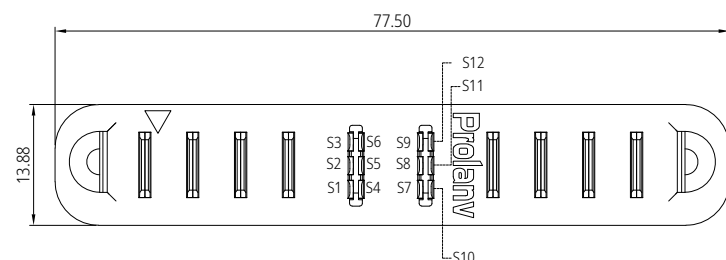
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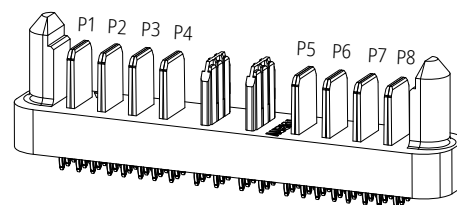
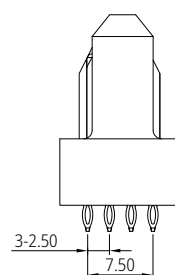
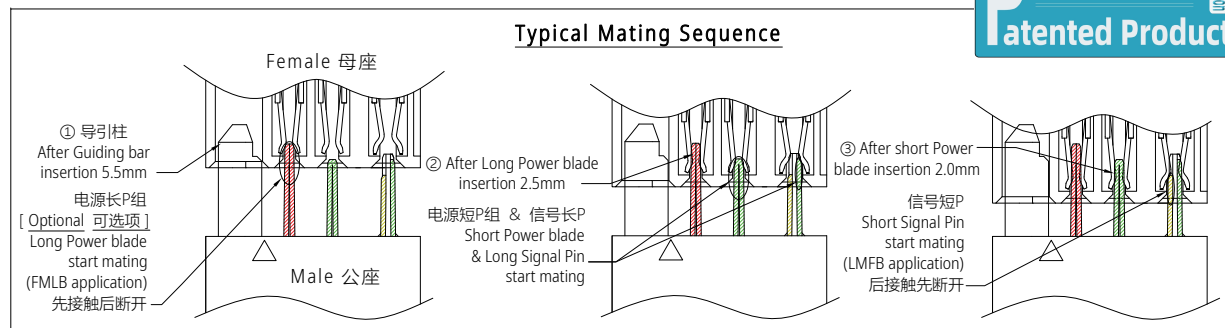
C

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A



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



3D View

Notes:

- Material Specification:
 - 1-1. Housing: High Temperature Thermoplastic. UL94 V-0, Black;
 - 1-2. Contact: High Conductivity Copper Alloy;
- Plating Specification:
 - 2-1. Contact: Gold plating on Contact area, Matte Tin 80μ min. on Tails, and 80μ min. Nickel overall;
- Electrical performance:
 - 3-1. Voltage Rating: 250v DC/power blade, 120v DC/Signal pin.
 - 3-2. Current Rating: 60A (per pair power blade), 3A (per Signal pin).
 - 3-3. LLCR:
 - initial $0.6m\Omega$ max., finished $1.0m\Omega$ maximum change.(per pair power blade).
 - initial $10m\Omega$ max., finished $20m\Omega$ maximum change.(per signal pin).
 - 3-4. Dielectric Withstanding Voltage:
 - 1500v DC rms/power blade; 500v DC rms/signal pin.
 - 3-5. Insulation Resistance:
 - 5000 M Ω min/Power blade; 500 M Ω min/Signal Pin.
- Mechanical Performance:
 - 4-1. Insertion Force: 19.6N (2.0kgf) max./Per Pair;
 - 4-2. Withdrawal Force: 4.5~11N (0.4~1.2kgf)/Per Pair;
 - 4-3. Durability Life: 10,000 cycles. max.
- IR Reflow:
 - The peak temperature on board shall be maintained for 10 seconds at $260 \pm 5^\circ\text{C}$.
- Operating Temperature rang: $-40 \sim 125^\circ\text{C}$.
- All parts RoHS and Reach compliant.
- ※ See SPS-PDC-06 for Terminal details.

Part Number: PDC2710F0001

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

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GENERAL TOLERANCES
UNLESS SPECIFIED

$X \pm 0.30$	$X^\circ \pm 3^\circ$
$XX \pm 0.20$	$X^\circ \pm 2^\circ$
$XXX \pm 0.05$	$XX^\circ \pm 1^\circ$

CUSTOMER DRAWING

SIZE	UNITS
A4	mm[only]

PART NO.

PDC2710F0001

APPROVED BY

Henry

CHECKED BY

Poplar

DRAWN BY

Kaylee

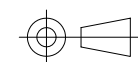
Prolanv[®]

TITLE

EN60A series | Power Male.
8PW+12S, Straight Type

DWG NO.

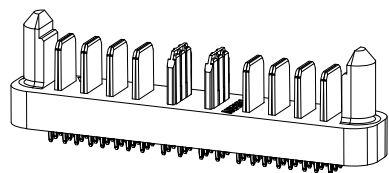
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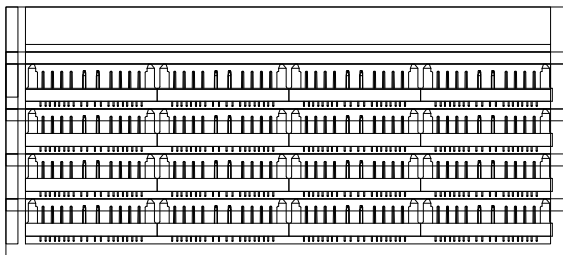
SHEET	SCALE	REV
1 / 2	1:1	B3

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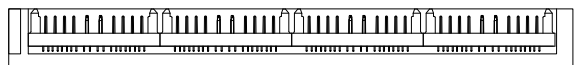
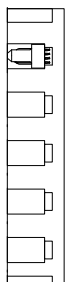
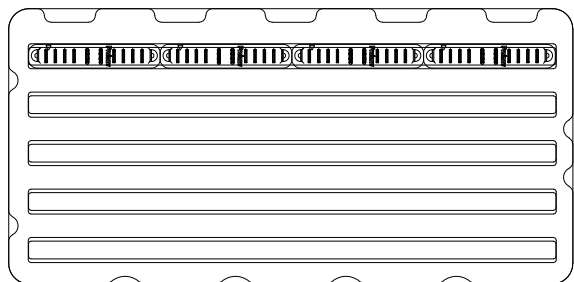
12345678



20Pcs/Tray

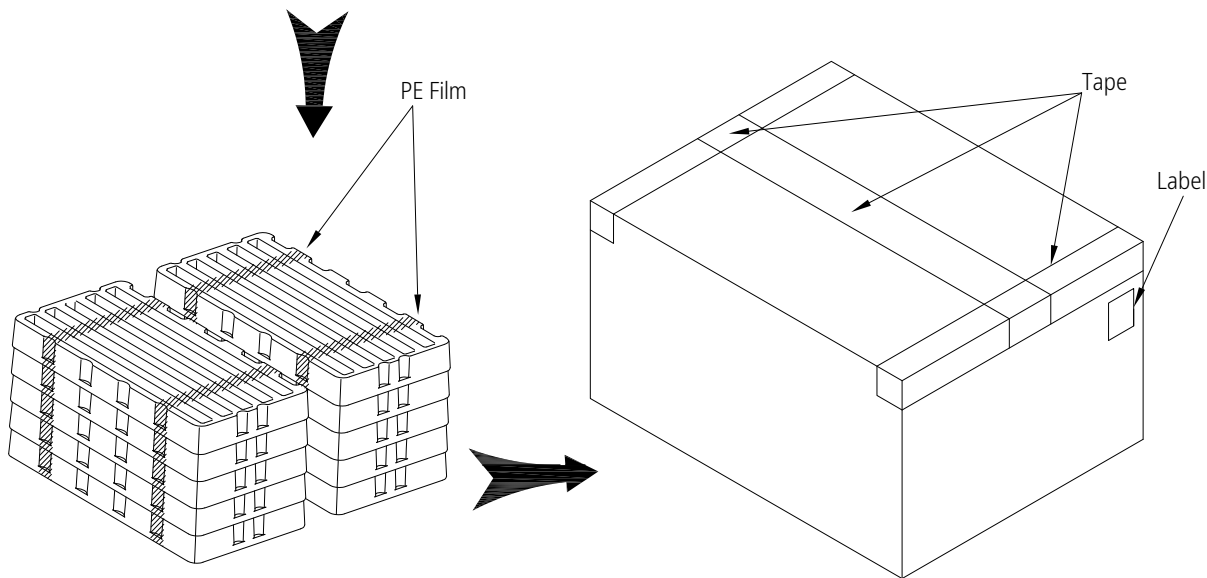


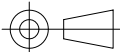
Total: 2x4 Layers



Notes:

1. Q'ty: 20Pcs/Tray, 2x4 Layers=160 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.



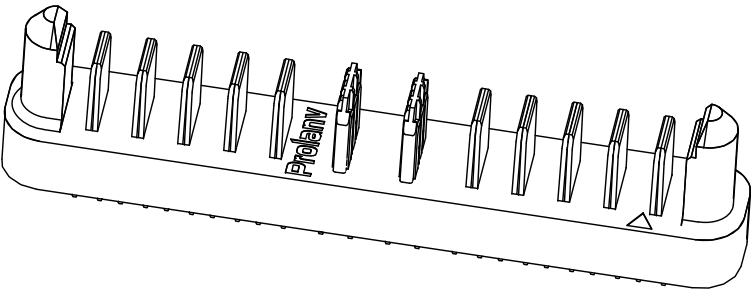
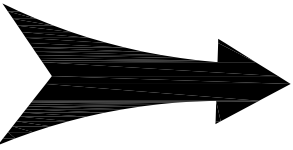
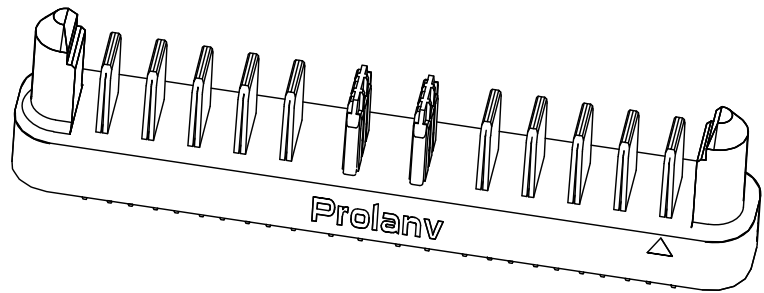
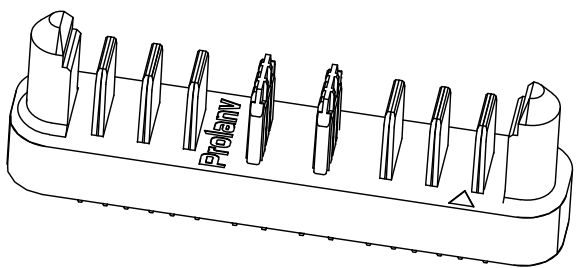
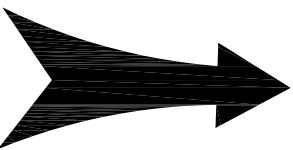
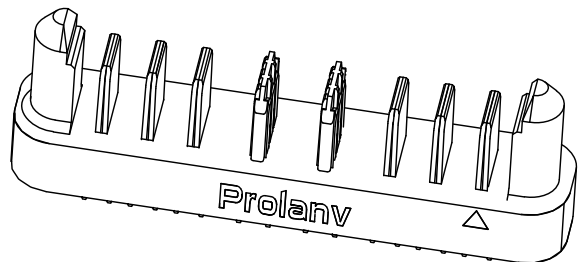
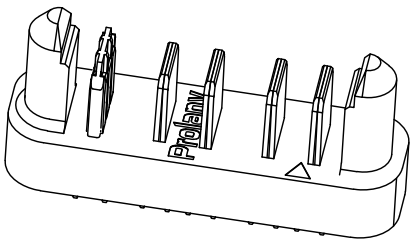
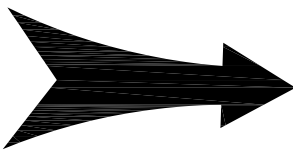
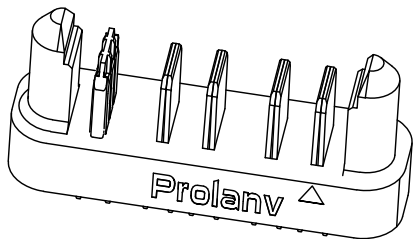
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		Prolanv®			
	X± 0.30	X°± 3°	PDC2710F0001					
	.XX± 0.20	.X°± 2°	APPROVED BY		TITLE EN60A series Power Male. 8PW+12S, Straight Type, Packaging			
	.XXX± 0.05	.XX°± 1°	Henry					
	CUSTOMER DRAWING		CHECKED BY		DWG NO. P-PDC27-10			
			Poplar					
	SIZE	UNITS	DRAWN BY					
A4	mm[only]	Kaylee		SHEET				
				2 / 2 N/A A3				

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EN60A series marks upgraded



1 2 3 4 5 6 7 8