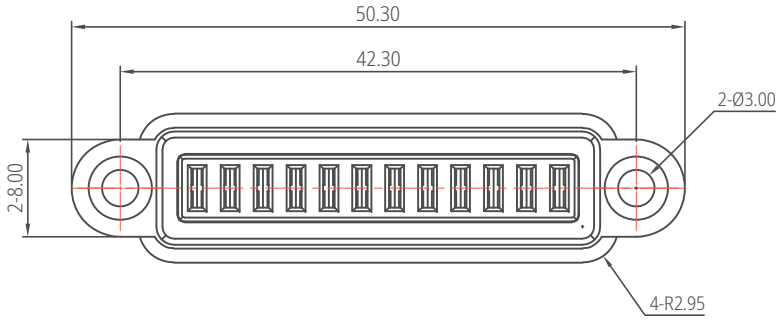
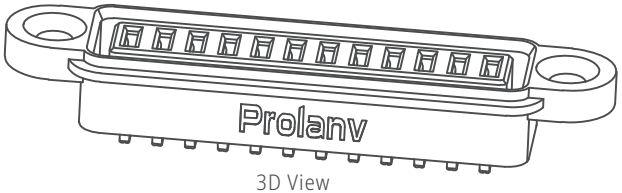
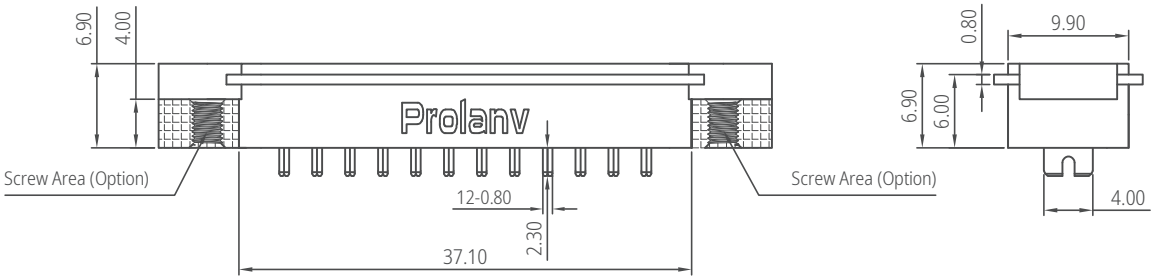
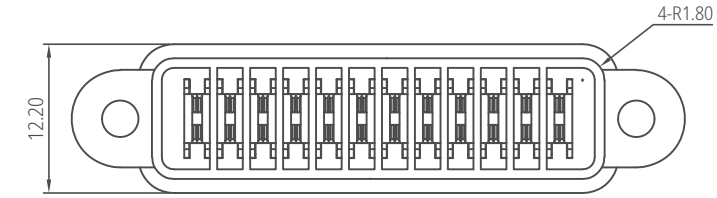
升级版本 2025-version
mproved type

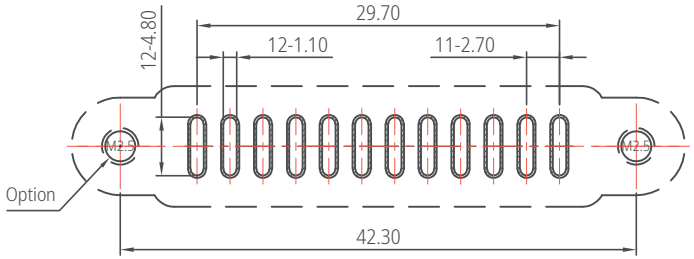




3D View







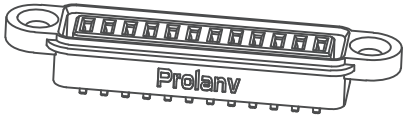
Recommended P.C.B layout (Top View)
Tolerance ±0.05

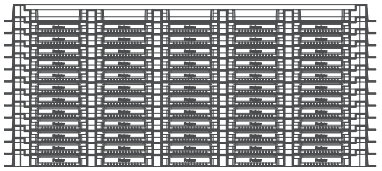
Notes:
1. Material Specification
 1-1.Housing: High Temperature Thermoplastic, UL94 V-0,Black.
 1-2.Contact: High Conductivity Copper Alloy.
 1-3.Screw-Hole: Copper Alloy.
2. Plating Specification:
 2-1.Contact: Gold Plating on Contact Area, Gold Flash on Tails, and 50μ" min. Nickel overall.
3. Electrical performance
 3-1.Voltage Rating: 50V DC.
 3-2.Current Rating: 20A max./Per Pair.
 3-3.LLCR:
  initial 0.5mΩ max, finished 1.0mΩ maximum change.
 3-4.Dielectric Withstanding Voltage: 500V AC (RMS) for 60S.
 3-5.Insulation Resistance: 1000 MΩ min./500V DC.
4. Mechanical Performance:
 4-1.Insertion force: 88N (9.0 kgf) max.
 4-2.Withdrawal force: 9.8N (1.0 kgf) min.
 4-3.Durability life: 3,000 cycles.
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(without loss function).
7. 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	X.° ± 3°	PDC1620B0011	
.XX ± 0.20	.X° ± 2°	APPROVED BY: Henry	TITLE: Mini blade Power Female 12P_2.7Pitch, H6.9mm, DIP Type
.XXX ± 0.10	.XX° ± 1°		
CUSTOMER DRAWING		CHECKED BY: Poplar	DWG NO.: PDC16-21
SIZE: A4	UNITS: mm[only]	DRAWN BY: Kaylee	SHEET: 1 / 2 · SCALE: 1:1 · REV: A2

Copyright Prolanv Inc. www.prolanv.com

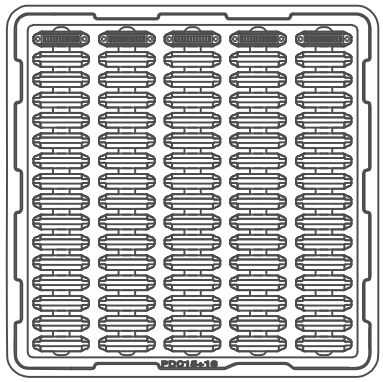




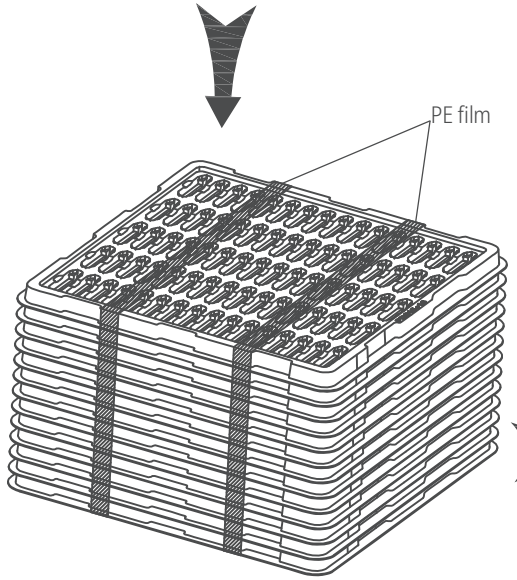
Total:12 Layers

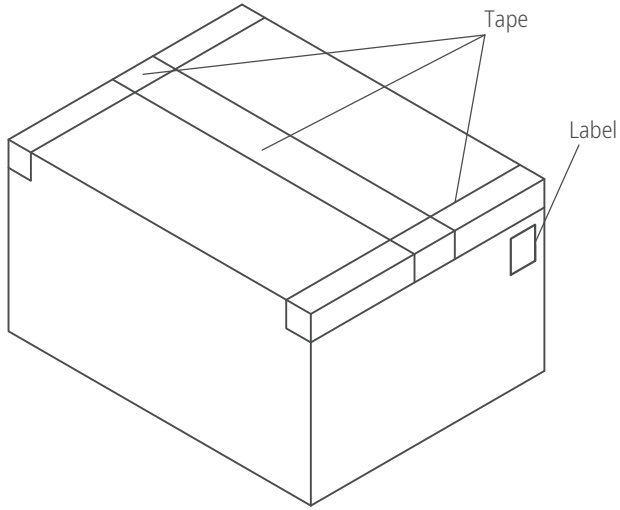
Notes:

1. Q'ty: 80 Pcs/Tray, 12 Layers=960 Pcs/Carton.
2. Tray Pallet size: 338*338mm, T=15.50mm.
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°	PART NO. PDC1620B0011	Prolanv®
	CUSTOMER DRAWING	APPROVED BY Henry	TITLE Mini blade Power Female 12P_2.7Pitch, H6.9mm, Packaging
		CHECKED BY Poplar	DWG NO. P-PDC16-21
	SIZE A4 / UNITS mm[only]	DRAWN BY Kaylee	SHEET 2 / 2 / SCALE N/A / REV A2

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