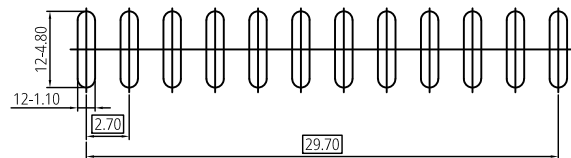
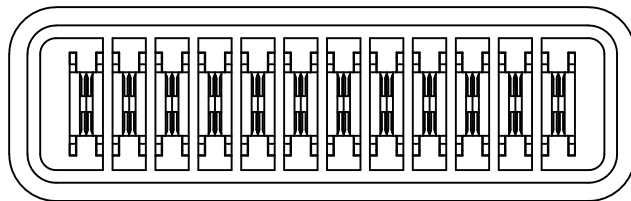
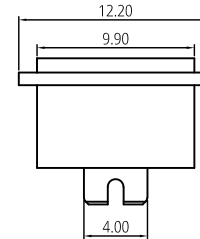
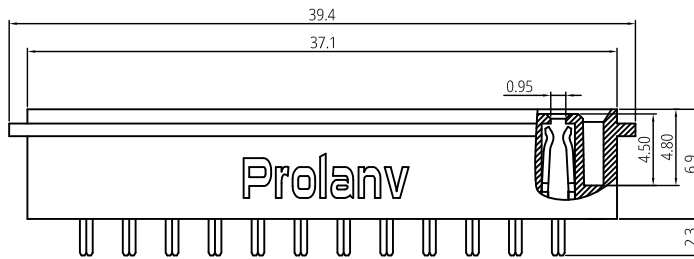
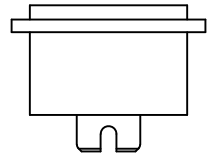


3D View

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, 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: 1.0mΩ max.(initial).
 - 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~88N (1.0~9.0 kgf).
 - 4-3. Durability life: 1,000 cycles.
5. IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
6. Operating Temperature Range: -40~105°C (without loss function).
7. All parts RoHS and Reach compliant.



Recommended P.C.B layout (Top View)

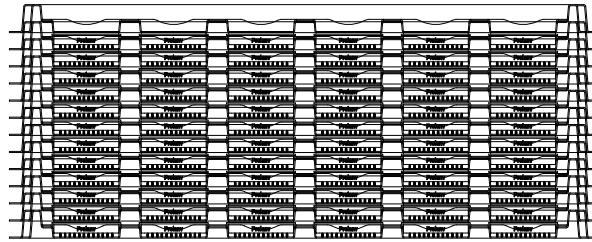
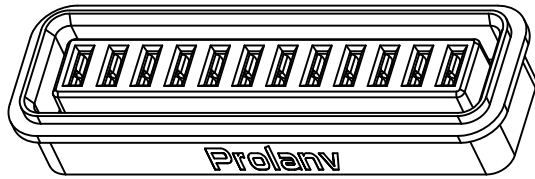
Tolerance ±0.05

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°	PDC1610B0011				
	.XX ± 0.20	.X.° ± 2°	APPROVED BY		TITLE 20A max./Per Pair Power Female. 2.7Pitch, H6.9mm, DIP Type		
	.XXX ± 0.05	.XX.° ± 1°	Mike				
	CUSTOMER DRAWING		CHECKED BY		DWG NO.		
		Henry		PDC16-11			
SIZE	UNITS	DRAWN BY			SHEET	SCALE	REV
A4	mm[only]	Lucie			1 / 2	1:1	A1

1 2 3 4 5 6 7 8

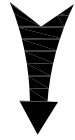
F
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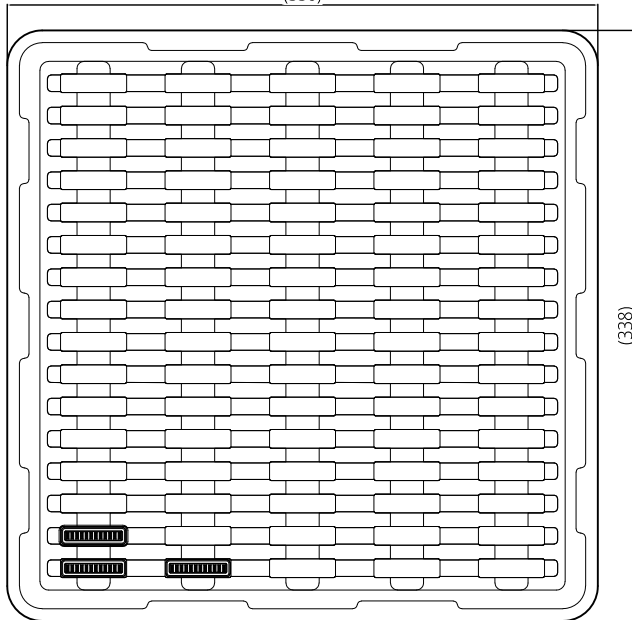


Total:12 Layers

- Notes:
 1. Q'ty: 80 Pcs/Tray, 12 Layeres=960 Pcs/Carton.
 2. Tray Pallet size: 338*338mm, T=15.50mm.
 3. Carton size: 350*350*155mm.

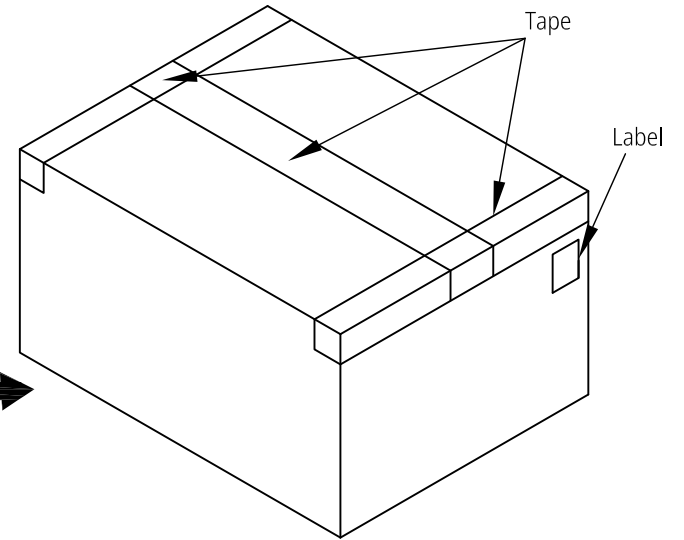
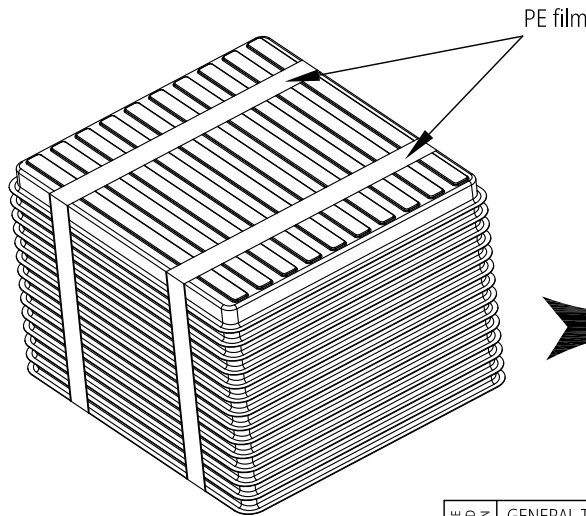


(338)



(338)

(15.5)



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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv [®]		
X± 0.30	X°± 3°	PDC1610B0011			
.XX± 0.20	.X°± 2°	APPROVED BY	TITLE 20A max./Per Pair. Power Female. 2.7Pitch, H6.9mm, DIP Type Packaging		
.XXX± 0.05	.XX°± 1°	Mike	DWG NO. P-PDC16-11		
CUSTOMER DRAWING		CHECKED BY	REV		
		Henry	SHEET		
SIZE	UNITS	DRAWN BY	SCALE		
A4	mm[only]	Lucie	REV		
			2 / 2		
			N/A		
			A1		