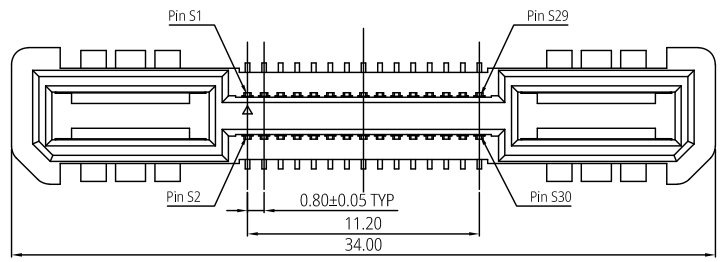
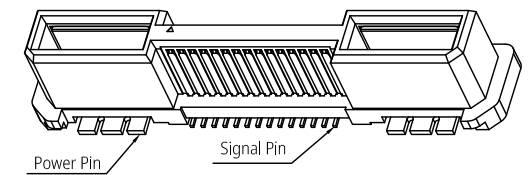


1 2 3 4 5 6 7 8

F



Part Number: PDC3P20X00AR  
 Contact Plating Spec. Code:  
 B: Au 3µ" plating on Contact Area.  
 Matte Tin 60µ" min. on Tails.  
 C: Au 15µ" plating on Contact Area.  
 Matte Tin 60µ" min. on Tails.



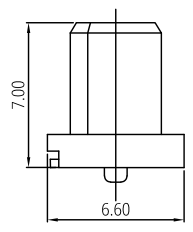
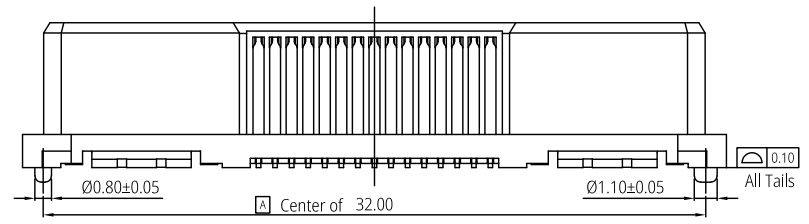
3D View

E

F

E

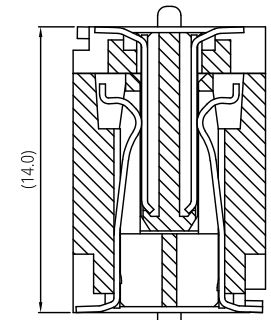
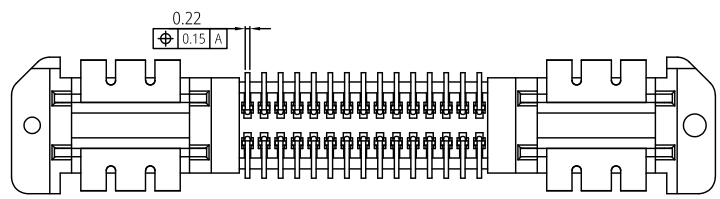
D



- Note:
- Material:
    - 1-1.Housing: High temperature thermoplastic, UL94 V-0,
    - 1-2.Power Pin: High Conductivity Copper Alloy,
    - 1-3.Signal Pin: Copper Alloy.
  - Plating Specification:
    - 2-1.Power Pin/Signal Pin: Nickel 50µ" min. under plated, Gold plating on the functional area of contact, Matte Tin on Tails,
  - Electrical Performance:
    - 3-1.Current rating (Power Pin): 40A/Per Pair,
    - 3-2.Current rating (Signal Pin): 0.5A/Per Pin,
    - 3-3.LLCR (Power Pin): 1.0mΩ max (initial), 2.0mΩ max.(final),
    - 3-4.LLCR (Signal Pin): 55mΩ max.(initial), 20mΩ max.change allowed (final),
    - 3-5.Dielectric Withstanding Voltage: 300V AC (RMS) for 60s.,
    - 3-6.Insulation Resistance: 500MΩ min. @ 500V DC;
  - Mechanical Performance:
    - 4-1.Insertion force: 49.8N (5.0kgf) max.
    - 4-2.Withdrawal force: 4.9~49.8N (0.5~5.0kgf).
    - 4-3.Durability: 1,000 cycles min.
  - IR Reflow:
    - The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
  - Operating temperature range: -35°C~105°C(without loss function).
  - All part RoHS and Reach compliant.

D

C

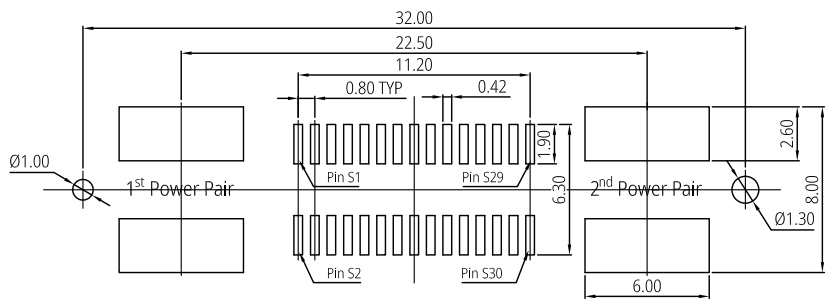


Mating View

C

B

B



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

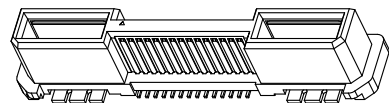
A

A

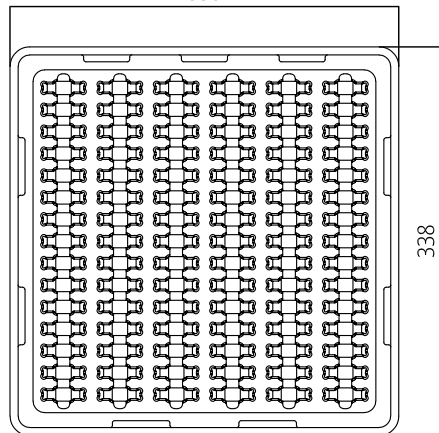
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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		<b>Prolanv</b> <sup>®</sup>		
X ± 0.30	X° ± 3°	PDC3P20X00AR				
.XX ± 0.20	.X° ± 2°	APPROVED BY		TITLE		
.XXX ± 0.05	.XX° ± 1°	Mike		Power Male. H7.0mm, 40A/2PW+30S, Vert. SMT Type		
CUSTOMER DRAWING		CHECKED BY		DWG NO.		
		Kysin		PDC3P-20		
SIZE	UNITS	DRAWN BY		SHEET		
A4	mm[only]	Sunny		1 / 2		
				SCALE		REV
				1:1		B0

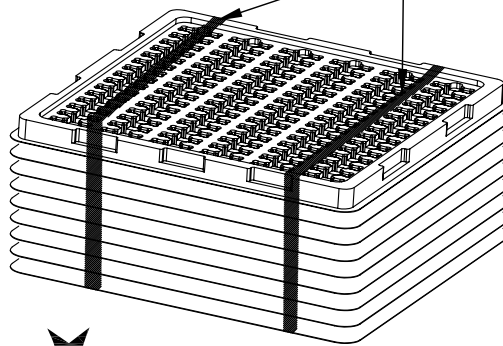
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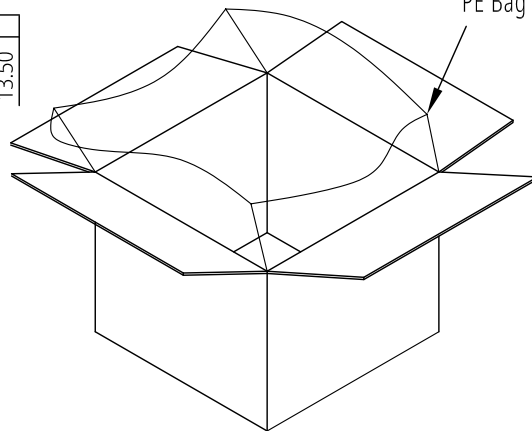
338



PE Film

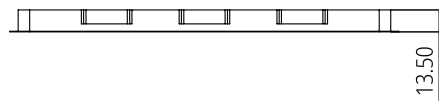
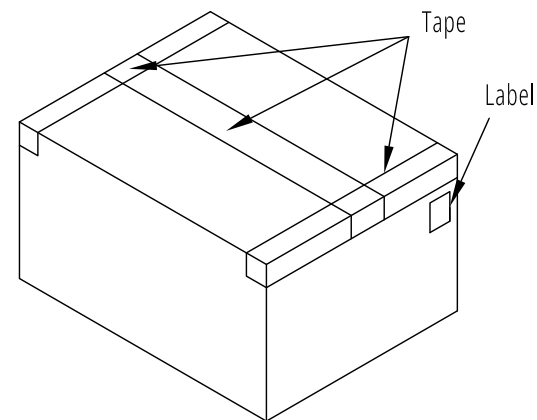


PE Bag



Notes:

1. Q'ty: 90 pcs/Tray, 13Layers=1,170 pcs/Carton.
2. Tray Pallet size: 338\*338mm, T=0.5mm.
3. Carton size: 350\*350\*155mm.



13.50

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	<b>Prolanv</b> <sup>®</sup>		
$X \pm 0.30$	$X^\circ \pm 3^\circ$	PDC3P20X00AR			
$.XX \pm 0.20$	$X^\circ \pm 2^\circ$	APPROVED BY	TITLE Power Male. H7.0mm, 40A/2PW+30S, SMT Type Packaging		
$.XXX \pm 0.05$	$.XX^\circ \pm 1^\circ$	Mike	DWG NO. P-PDC3P-20		
CUSTOMER DRAWING		CHECKED BY	REV		
		Kysin	2 / 2		
SIZE	UNITS	DRAWN BY	SCALE		
A4	mm[only]	Sunny	NA		
			REV		
			B0		