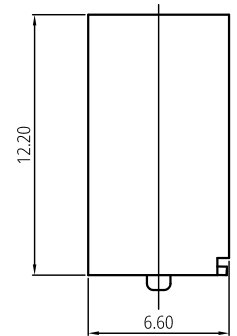
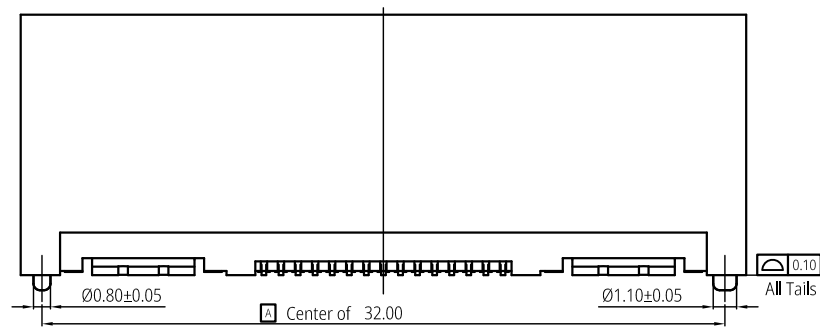


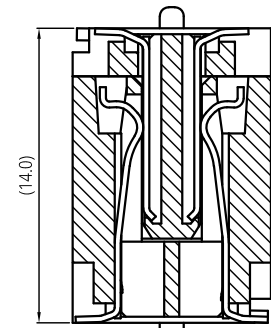
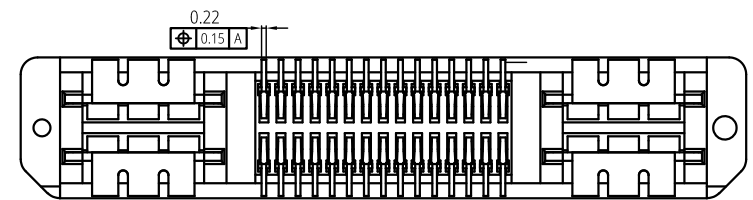
3D View



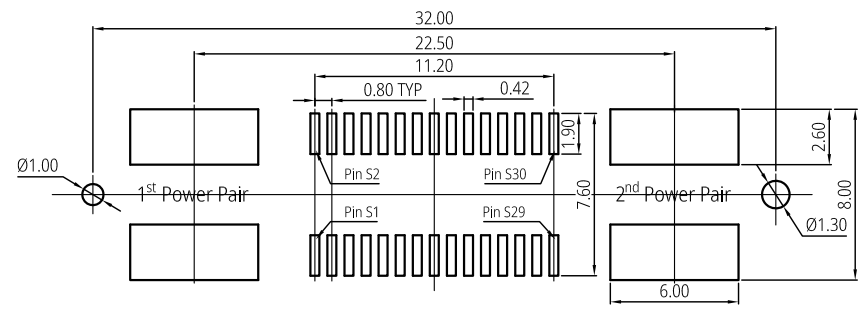
Note:

1. Material:
  - 1-1. Housing: High temperature thermoplastic, UL94 V-0,
  - 1-2. Power Pin: High Conductivity Copper Alloy,
  - 1-3. Signal Pin: Copper Alloy.
2. 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,
3. 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;
4. 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.
4. IR Reflow:
 

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
5. Operating temperature range: -35°C~105°C(without loss function).
6. All part RoHS and Reach compliant.



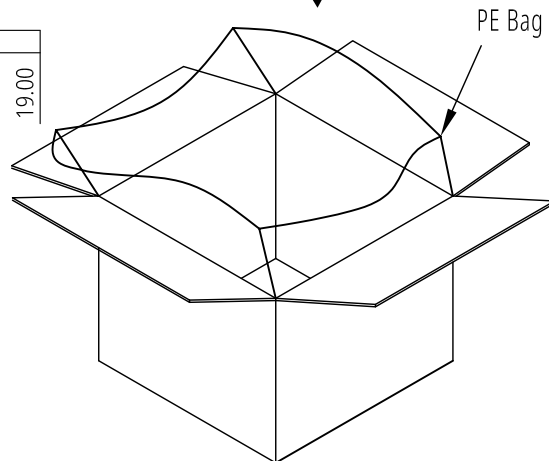
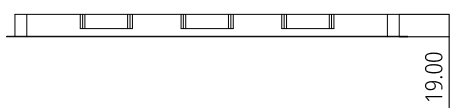
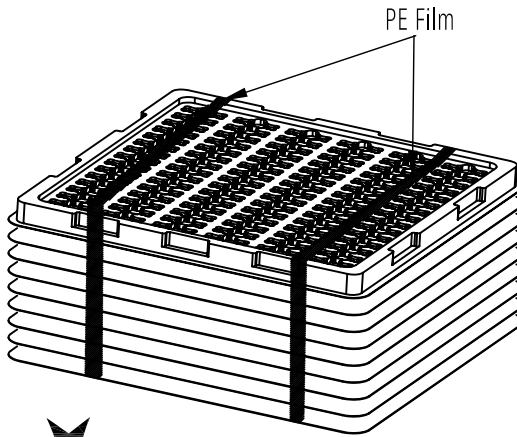
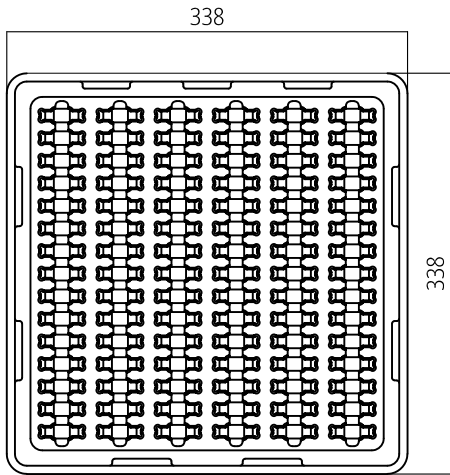
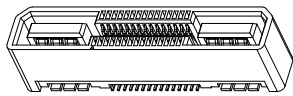
Mating View



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

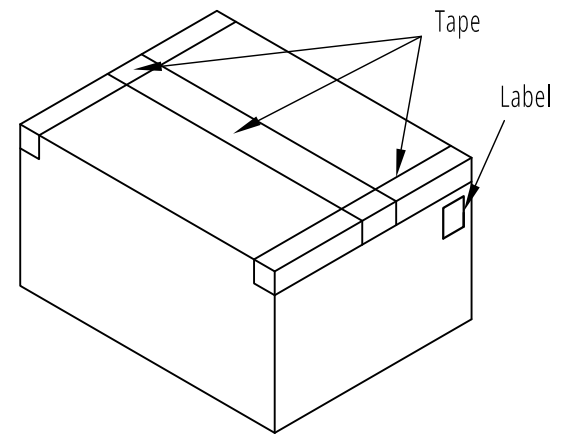
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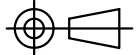
GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	<b>Prolanv</b> Power Female. H12.2mm, 40A/2PW+30S, Vert. SMT Type			
X ± 0.30	X.° ± 3°	PDC3S20B00BR				
XX ± 0.20	.X.° ± 2°	APPROVED BY	TITLE			
XXX ± 0.05	.XX.° ± 1°	Mike	40A/2PW+30S, Vert. SMT Type			
CUSTOMER DRAWING		CHECKED BY	DWG NO.			
		Kysin	PDC3S-20			
SIZE	UNITS	DRAWN BY		SHEET	SCALE	REV
A4	mm[only]	Sunny		1 / 2	1:1	B0



Notes:

1. Q'ty: 90 pcs/Tray, 8 Layers=720 pcs/Carton.
2. Tray Pallet size: 338\*338mm, T=0.5mm.
3. Carton size: 350\*350\*155mm.



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	X± 0.30	X°± 3°	PDC3S20B00BR				
	XX± 0.20	.X°± 2°	APPROVED BY		TITLE		
	XXX± 0.05	.XX°± 1°	Mike		Power Female. H12.2mm, 40A/2PW+30S, SMT Type Packaging		
	CUSTOMER DRAWING		CHECKED BY		DWG NO.		
			Kysin		P-PDC3S-20		
SIZE	UNITS	DRAWN BY			SHEET	SCALE	REV
A4	mm[only]	Sunny			2 / 2	NA	B0