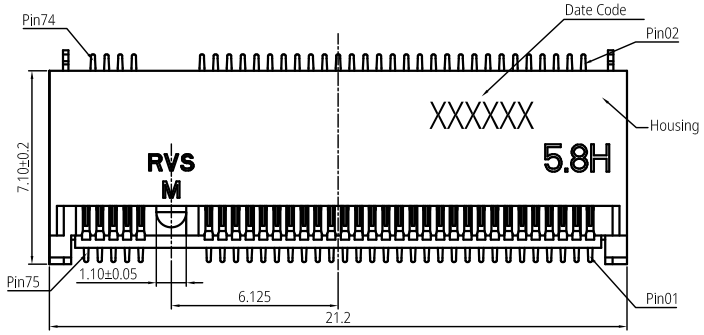
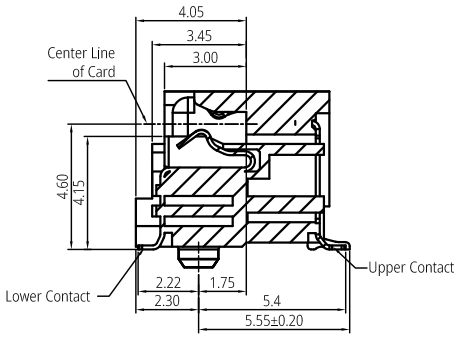
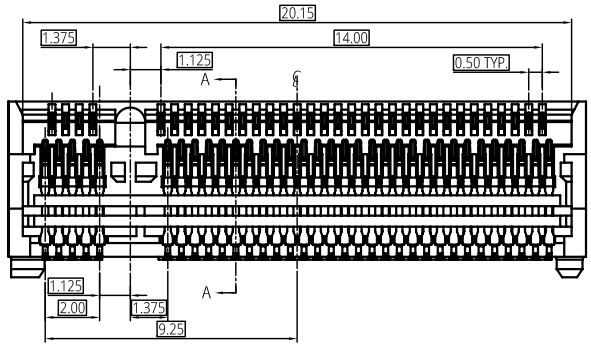
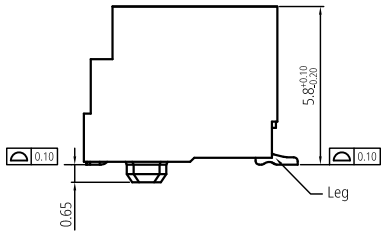
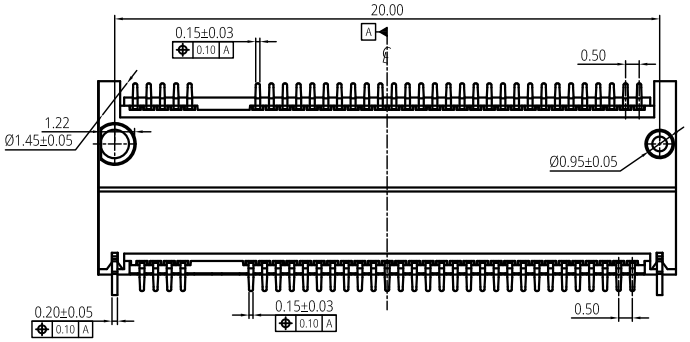


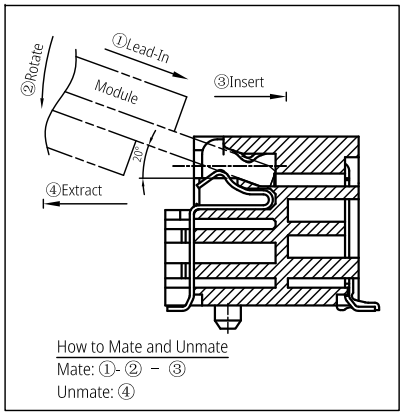


SECTION A-A



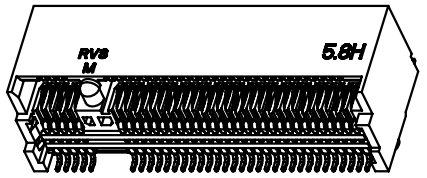






How to Mate and Unmate
Mate: ①- ② – ③
Unmate: ④

Notes:
1.Material Specification:
1-1.Housing: LCP+30% G.F UL94 V-0.
1-2.Contact: Copper Alloy (C5210) T=0.15mm.
1-3.Leg: Copper Alloy (C2680) T=0.20mm.
2.Plating Specification:
2-1.Contact: see P/N.
2-2.Leg: Matte Tin 50μ" min. overall, Nickel 50μ" min. underplated.
3.Mechanical Performance:
3-1.Insertion force: 20N max.
3-2.Withdrawal force: 20N max.
3-3.Durability: 60 cycles min.
3-4.Vibration:
No electrical discontinuity greater than 1u second. shall occur;
3-5.Mechanical shock: 285G half sine/6 axis. no electrical discontinuity greater than 1u second shall occur;
4.Electrical Performance:
4-1.Current Rating: 0.5A (per pin).
4-2.Voltage Rating: 50V AC (per pin).
4-3.LLCR: Contact 55mΩ max.(initial), 20mΩ max. change allowed (final).
4-4.Insulation Resistance: 5,000MΩ min. at 500V DC.
4-5.Dielectric withstand voltage: 300V AC/60s.
5.IR Reflow:
The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
6.Operating temperature range: -40°C~85°C(without loss function).
7.All parts RoHS and Reach compliant.



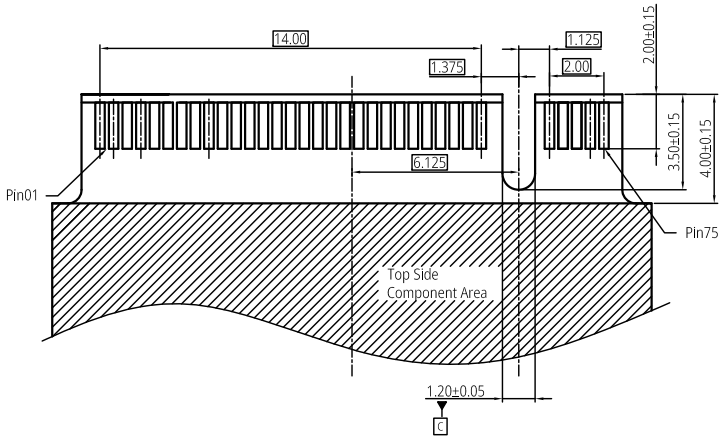
3D View

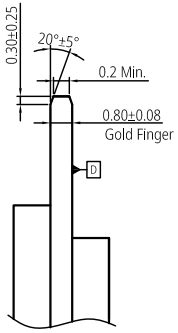
Part Number: PHN26101M00X

Contact Plating Spec. Code:

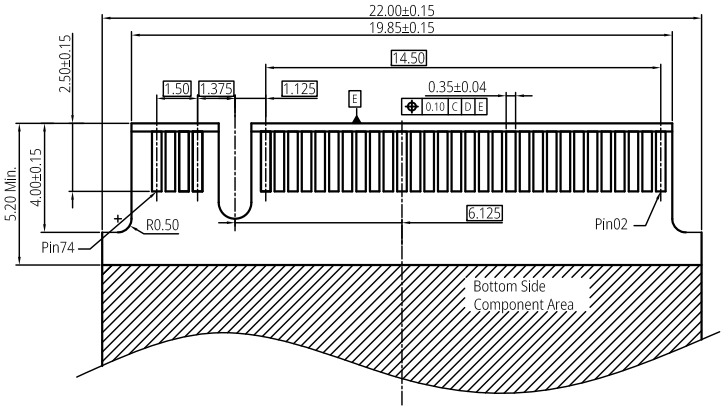
7: Gold Flash on Contact area, matte Tin 80μ" min. on Tails and 50μ" min. Nickel overall.
9: Au 5μ" on Contact area, matte Tin 80μ" min. on Tails and 50μ" min. Nickel overall.
A: Au 10μ" on Contact area, matte Tin 80μ" min. on Tails and 50μ" min. Nickel overall.

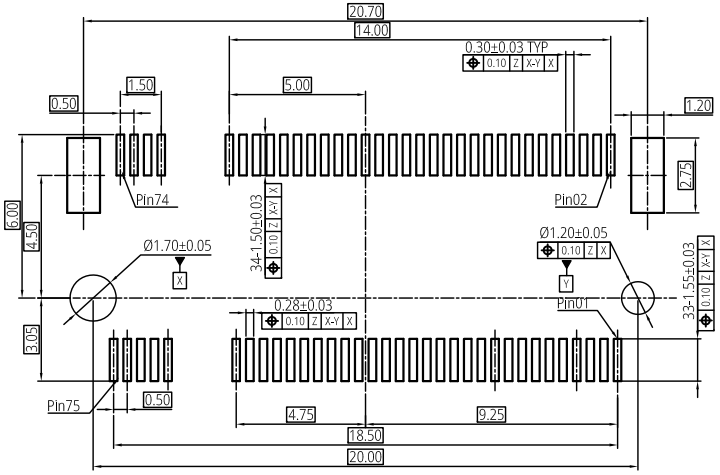
GENERAL TOLERANCES UNLESS SPECIFIED				PART NO.	Prolanv®
.X ±	0.30	X.° ±	3°	PHN26101M00X	
.XX ±	0.20	.X° ±	2°	APPROVED BY KYSIN	TITLE NGFF 67Pin Socket (M.2 connector) 0.50mm Pitch, Top-Mount 5.8H, RVS. M-Key. Dual-STM Type
.XXX ±	0.10	.XX° ±	1°		
CUSTOMER DRAWING				CHECKED BY HARRY	DWG NO. PHN26-10M
SIZE	UNITS			DRAWN BY LUCIE	SHEET 1 / 3 · SCALE 1:1 · REV A2
A4	mm[only]				





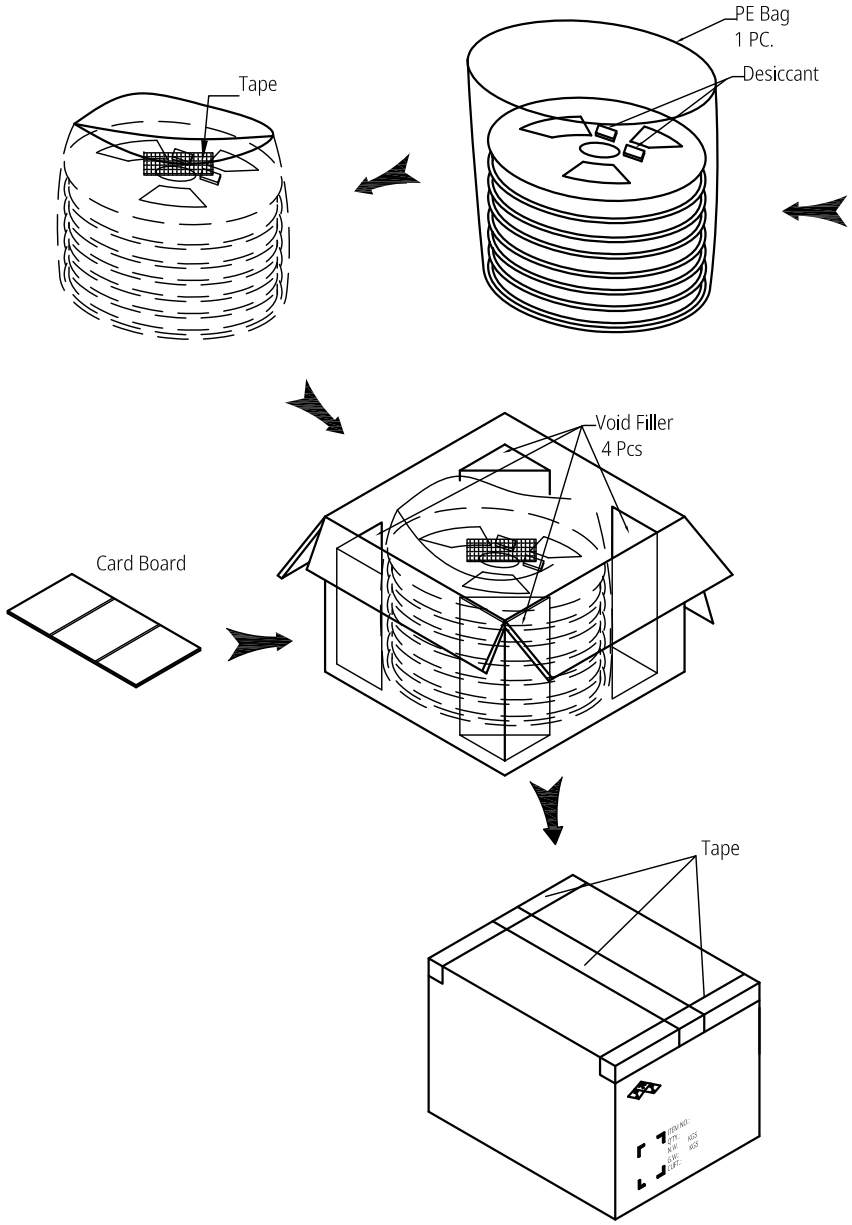
Recommended Mould Finger Layout
Default Tolerance ±0.05

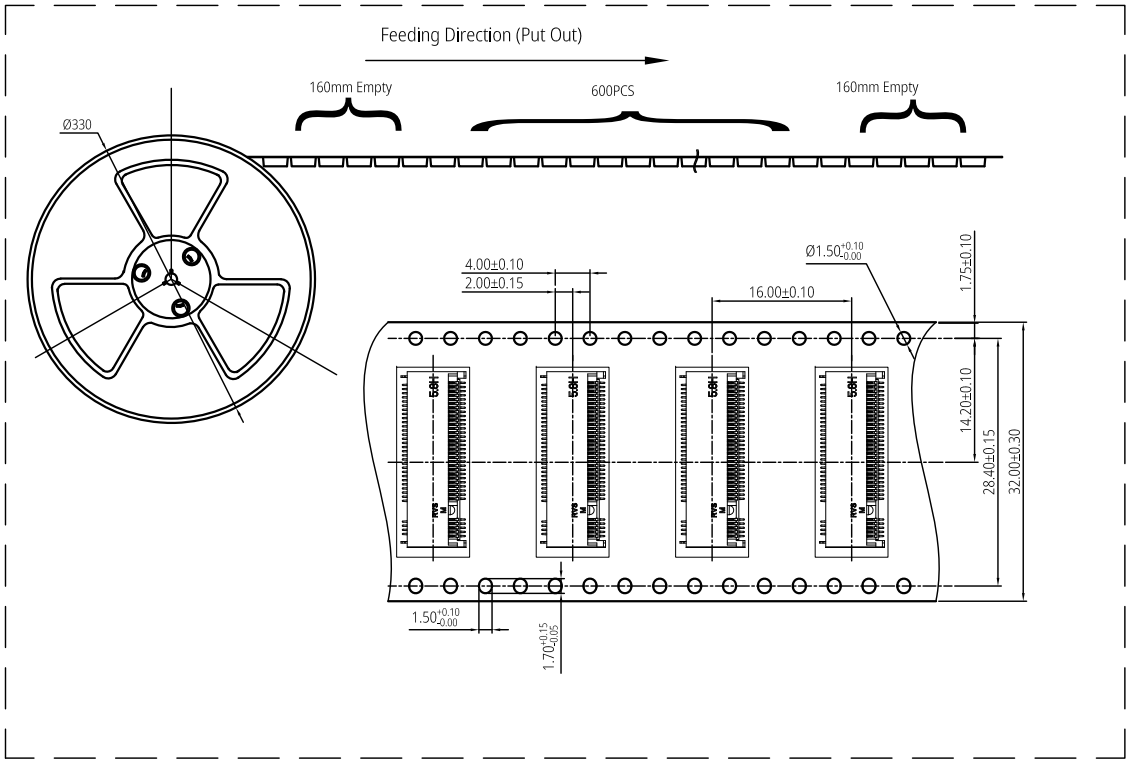




Recommended PCB Layout(Top View)
Default Tolerance ±0.05

GENERAL TOLERANCES UNLESS SPECIFIED			
.X ± 0.30	.X° ± 3°	PART NO. PHN26101M00X	Prolanv®
.XX ± 0.20	.X° ± 2°	APPROVED BY KYSIN	TITLE NGFF 67Pin Socket (M.2 connector) 0.50mm Pitch, Top-Mount 5.8H, RVS. M-Key. Dual-SMT Type PCB-Layout
.XXX ± 0.10	.XX° ± 1°		
CUSTOMER DRAWING		CHECKED BY HARRY	DWG NO. PHN26-10M
SIZE	UNITS	DRAWN BY LUCIE	SHEET 2 / 3 · SCALE N/A · REV A2
A4	mm[only]		





Notes:

1. Peel off force of top tape: 0.1~1.3N.
2. Carton size: 350*350*380mm. K=K.
3. 600 Pcs/Reel, 6,000 Pcs/Carton.

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
.X ± 0.30	X.° ± 3°	PHN26101M00X	
.XX ± 0.20	.X° ± 2°	APPROVED BY KYSIN	TITLE NGFF 67Pin Socket (M.2 connector) 0.50mm Pitch, Top-Mount 5.8H, RVS. M-Key. Dual-SMT Type Packaging
.XXX ± 0.10	.XX° ± 1°	CHECKED BY HARRY	DWG NO. P-PHN26-10M
CUSTOMER DRAWING		DRAWN BY LUCIE	

SIZE	UNITS	SHEET	SCALE	REV
A4	mm[only]	3 / 3	N/A	A2