

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

Part Number: PHN17101M00X

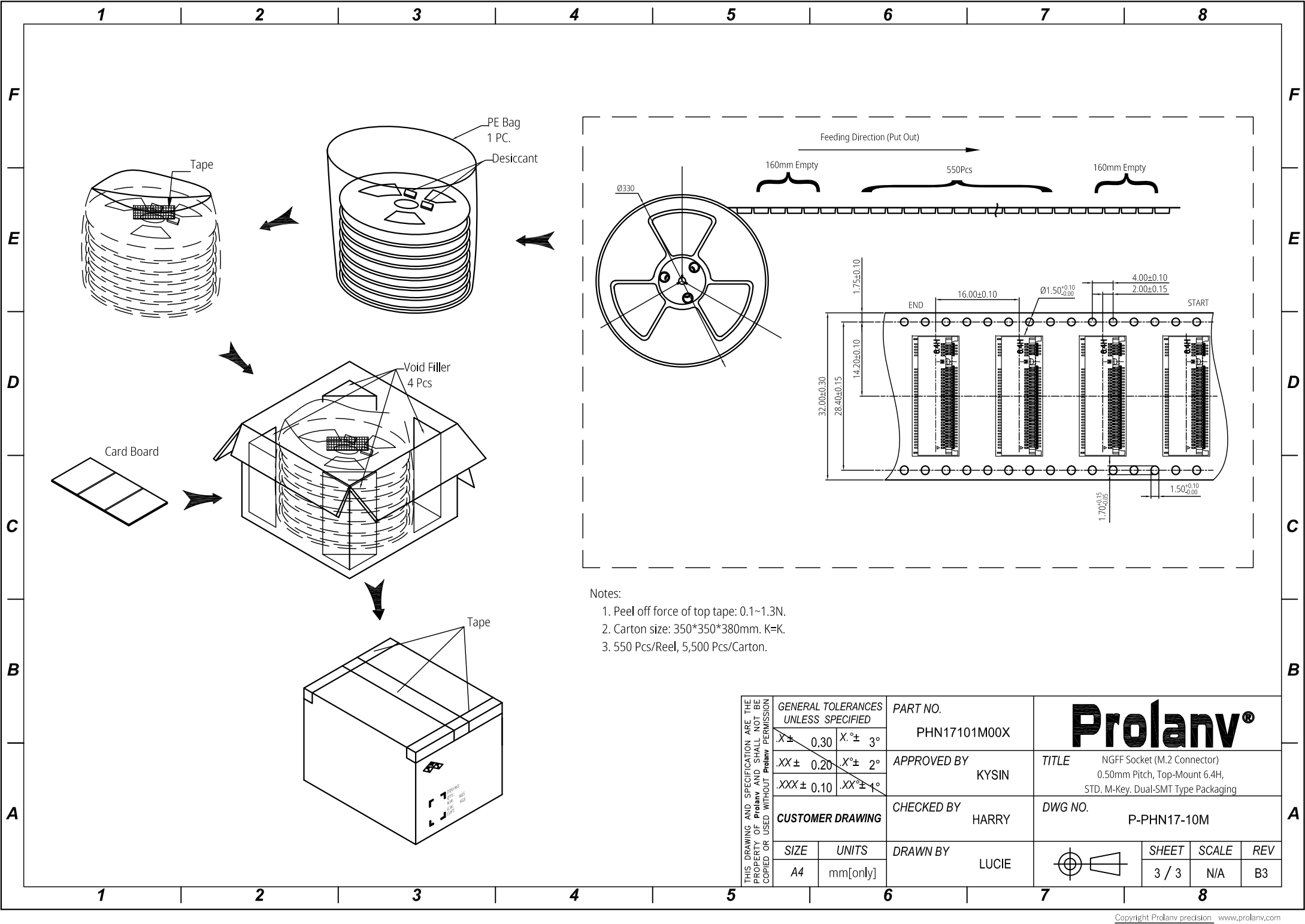
Contact Plating Spec. Code: _____

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

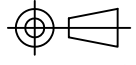
9: Au 5µ" on Contact area, matte Tin 80µ" min. on Tails and 50µ" min. Nickel overall.

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

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	.X± 0.30 X°± 3°		PHN17101M00X				
	.XX± 0.20 X°± 2°		APPROVED BY		TITLE		
	.XXX± 0.10 .XX± 1°		KYSIN		NGFF Socket (M.2 Connector) 0.50mm Pitch, Top-Mount 6.4H, STD. M-Key, Dual-SMT Type		
CUSTOMER DRAWING		CHECKED BY		DWG NO.			
		HARRY		PHN17-10M			
SIZE	UNITS	DRAWN BY			SHEET	SCALE	REV
A4	mm[only]	LUCIE			1 / 3	1:1	B3



- Notes:
1. Peel off force of top tape: 0.1~1.3N.
 2. Carton size: 350*350*380mm. K=K.
 3. 550 Pcs/Reel, 5,500 Pcs/Carton.

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	$X \pm 0.30$	$X^\circ \pm 3^\circ$	PHN17101M00X								
	$.XX \pm 0.20$	$X^\circ \pm 2^\circ$	APPROVED BY		TITLE NGFF Socket (M.2 Connector) 0.50mm Pitch, Top-Mount 6.4H, STD. M-Key. Dual-SMT Type Packaging						
	$.XXX \pm 0.10$	$.XX^\circ \pm 1^\circ$	KYSIN								
CUSTOMER DRAWING		CHECKED BY		DWG NO. P-PHN17-10M							
		HARRY									
SIZE	UNITS	DRAWN BY		 <table border="1" style="display: inline-table; margin-left: 20px;"> <tr> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>3 / 3</td> <td>N/A</td> <td>B3</td> </tr> </table>		SHEET	SCALE	REV	3 / 3	N/A	B3
SHEET	SCALE	REV									
3 / 3	N/A	B3									
A4	mm[only]	LUCIE									