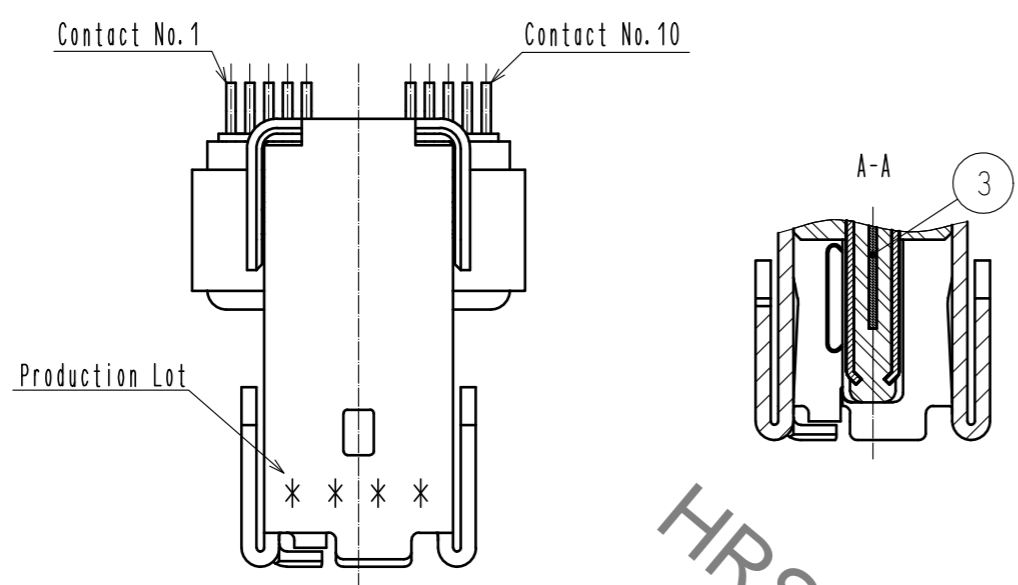
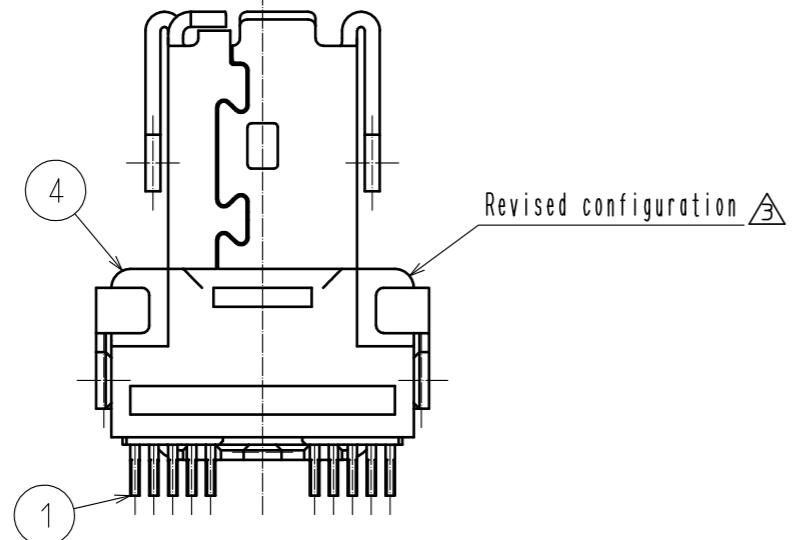
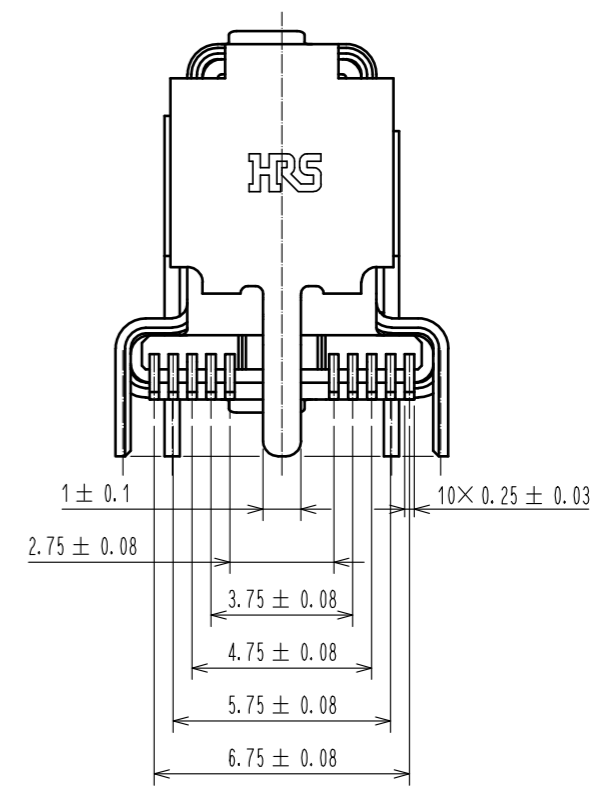
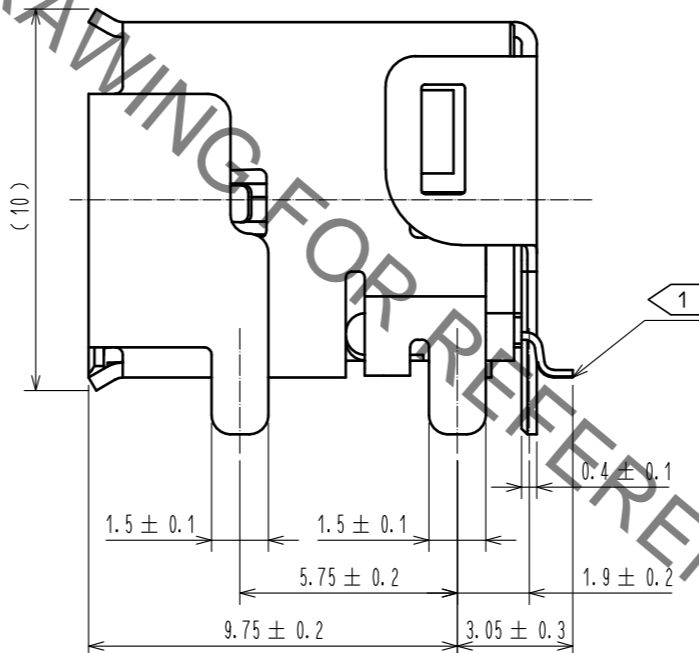
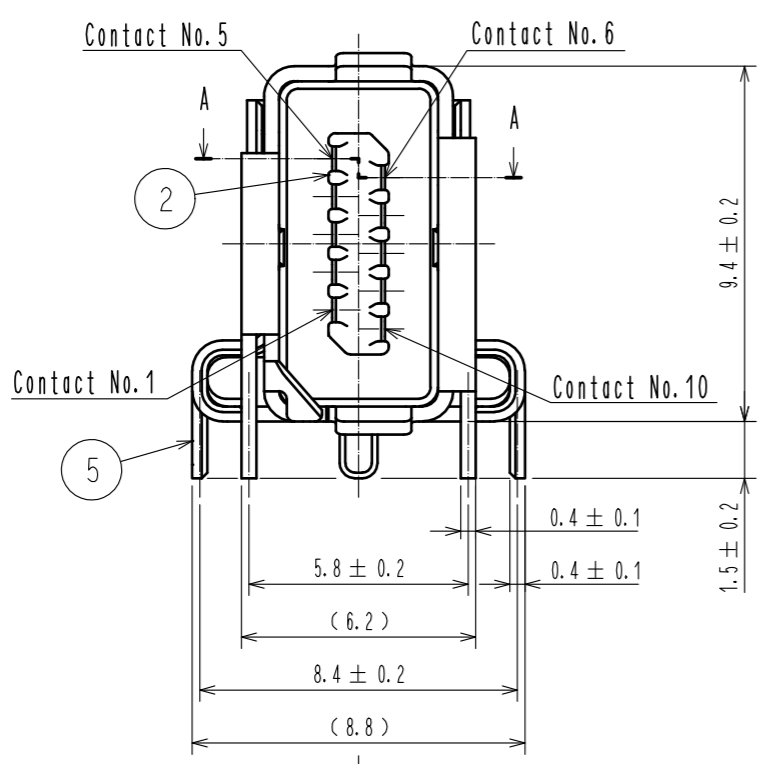


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- Notes.
- ① Co-planarity is within 0.1 mm.
 - ② As for part No.5 the performance remains good even if there are rubbing wounds by the assembly process. And the performance remains good though there might be a difference in the plating luster between each plating lots.
 - ③ Per reel : 400 pcs.
 - ④ Refer to the mated condition diagram for the panel thickness and layout.
 - ⑤ This product is mounted by reflow soldering. Refer to specification sheet ELC-129430-00-00 for reflow soldering.

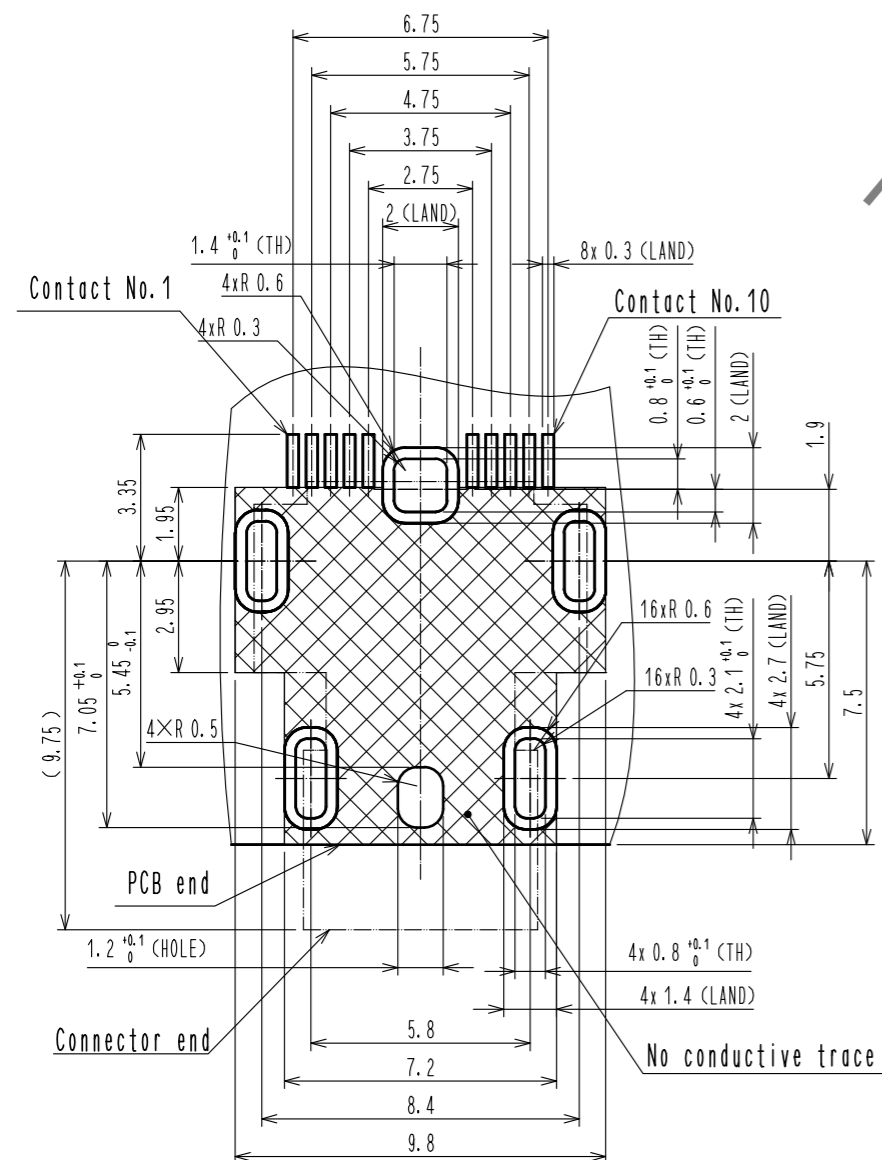


3	Stainless Steel		7	PE			
2	LCP	Gray - UL94V-0	6	PS			
1	Copper Alloy	Contact area : Gold 0.2 μm min. Lead area : Gold 0.03 μm min. Under plating : Nickel 2 μm min.	5	Stainless Steel	Surface : Tin 1 μm min. Under plating : Nickel 0.2 μm min. ⚠		
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS		
UNITS mm	⊙	SCALE 5 : 1	COUNT 2	DESCRIPTION OF REVISIONS DIS-E-00001445	DESIGNED JY. IGA	CHECKED KI. NAGANUMA	DATE 18. 04. 05
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : RI. TAKAYASU 17. 03. 28	DRAWING NO. EDC-129430-00-00				
		CHECKED : KI. NAGANUMA 17. 03. 27	PART NO. IX61G-A-10P				
		DESIGNED : TS. SAKAIZAWA 17. 03. 27	CODE NO. CL251-0021-0-00				
		DRAWN : TS. SAKAIZAWA 17. 03. 27			③ 1/3		

HRS DRAWING FOR REFERENCE

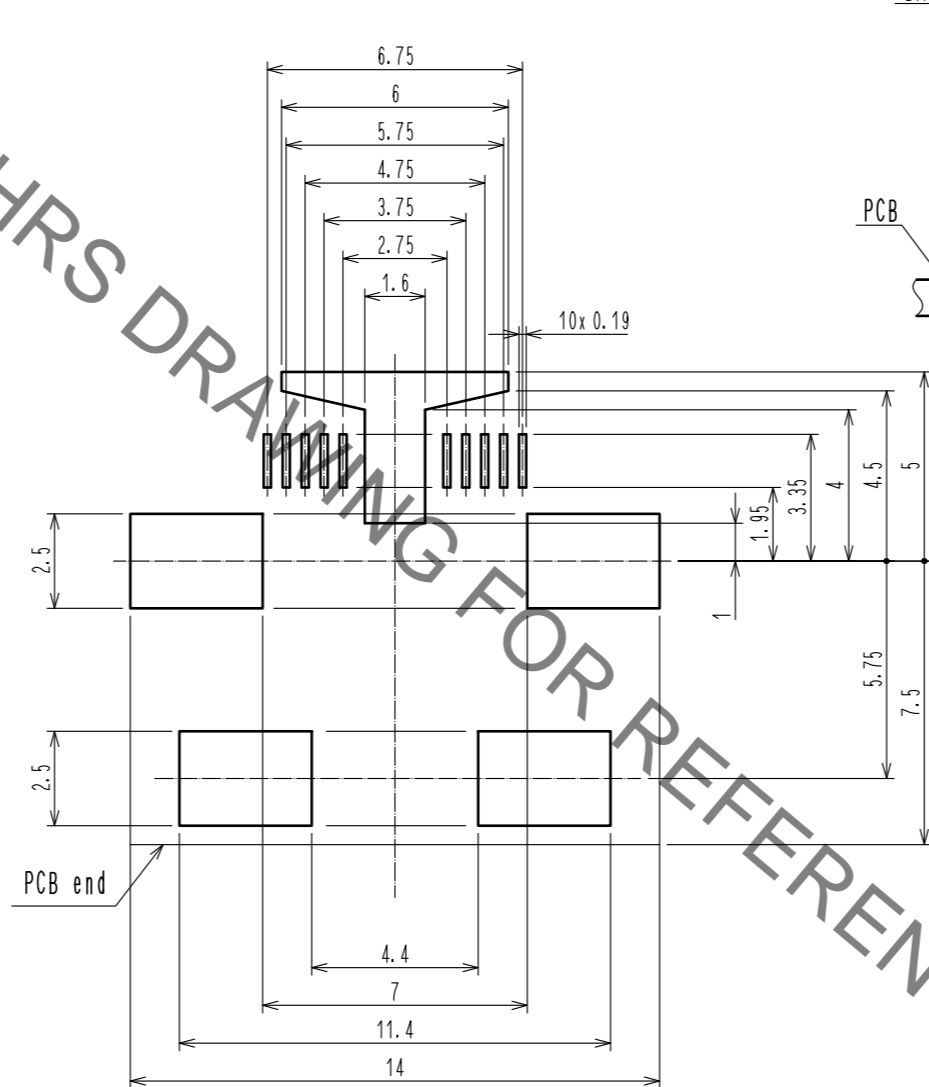
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Reference PCB Layout (Connector Mounting Side) (t = 1.6)



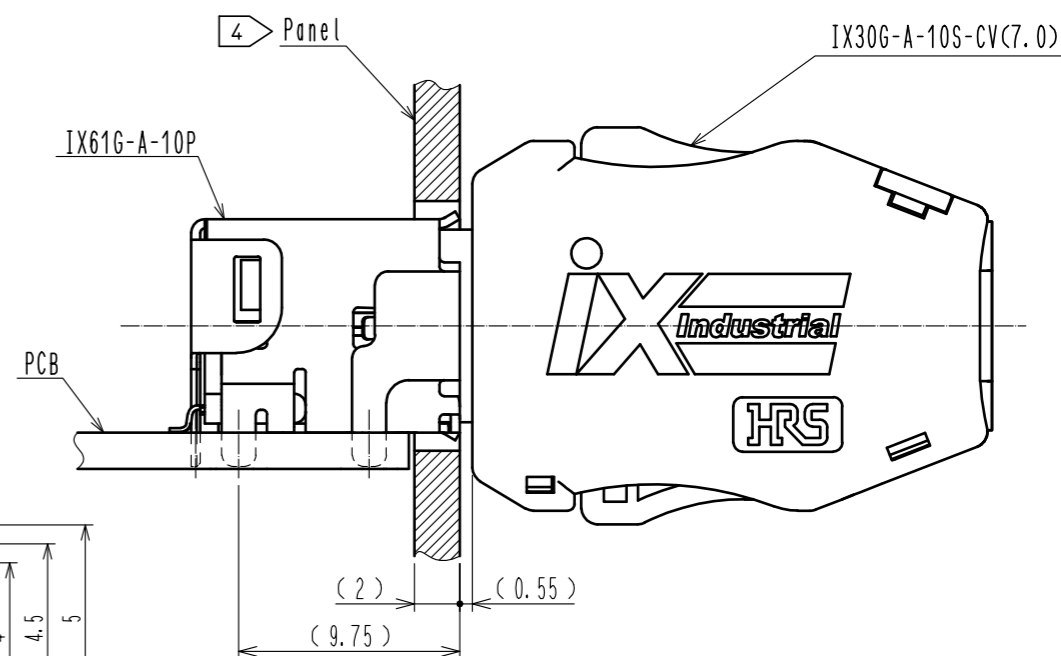
General tolerance is +/- 0.05

Reference Metal Mask Layout (t = 0.15)

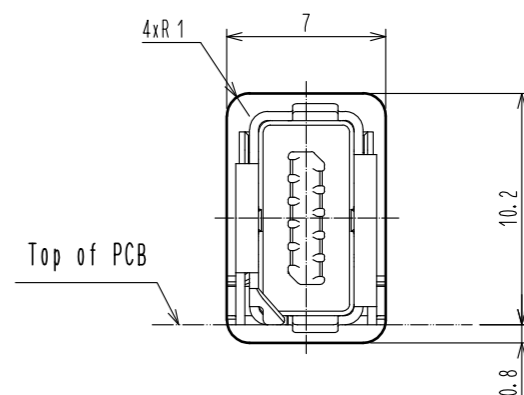


General tolerance is +/- 0.02

Mated Condition (Free)



Reference Dimensions of Panel Cutout (Free)



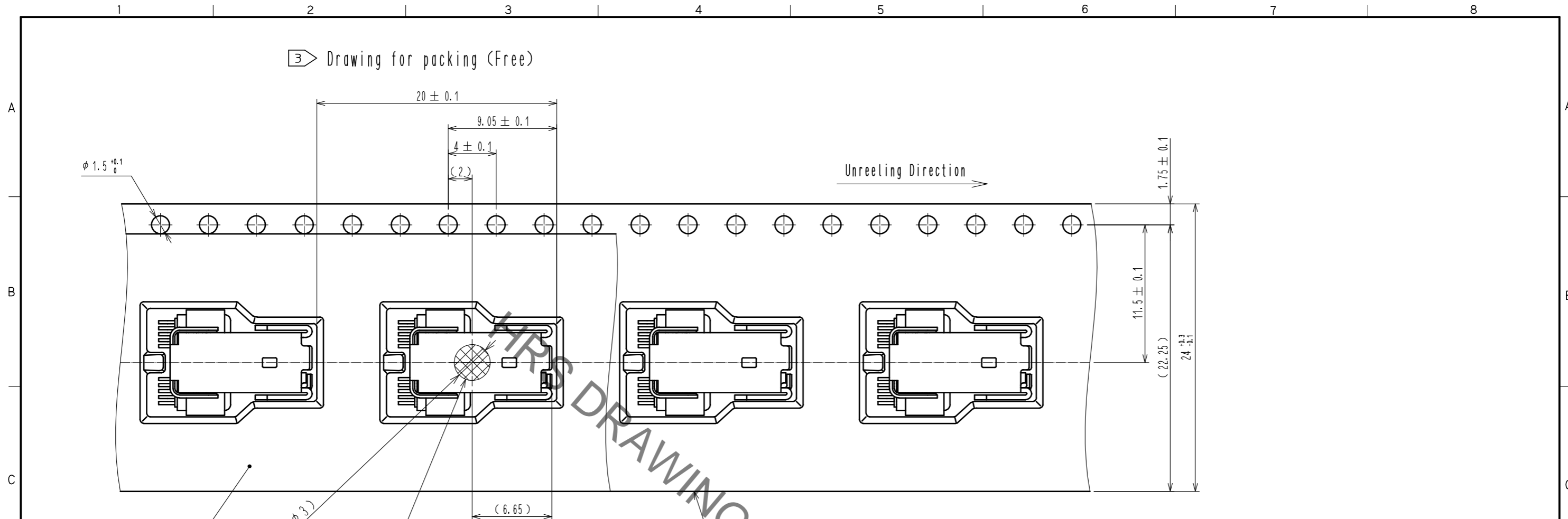
Dimension is reference.

- 6 Thickness of metal mask is 0.1 mm min.
- Metal mask dimensions of the drawings described, are reference dimensions for 0.15 mm thickness metal mask.
- Change the metal mask dimensions by thickness of the metal mask, thickness of PCB, component of solder paste and mounting conditions.
- Change the metal mask dimensions in case of mounting IX61G-+-10P in parallel.
- Change the metal mask dimensions, if there are other mounting parts or implementation pattern around the portion of mounting position of IX61G-+-10P.
- Refer to the technical specification (ETAD-E3170-00) for different variations of the metal mask pattern width.

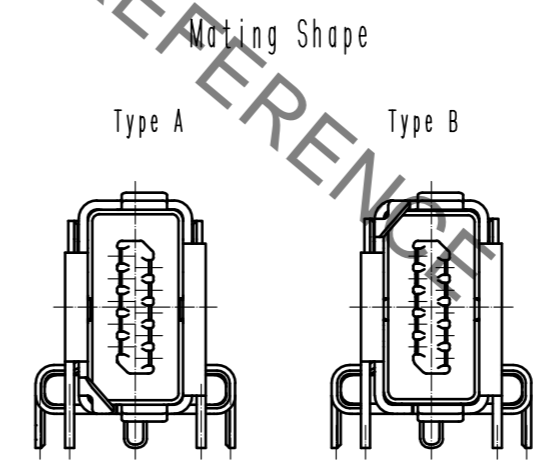
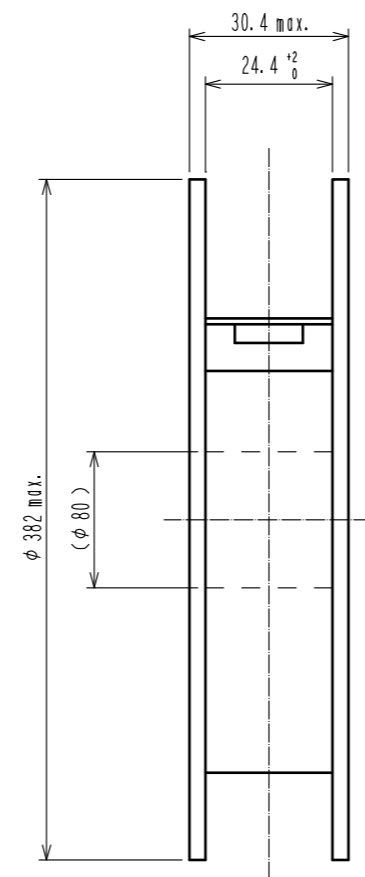
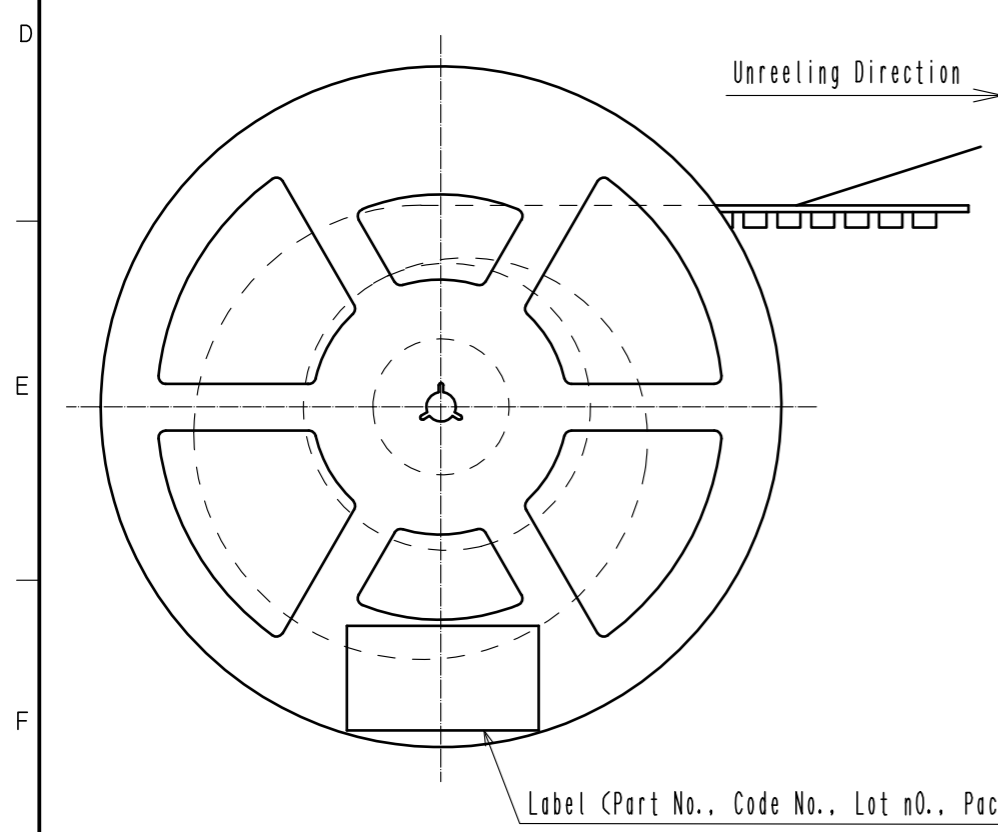
HRS	DRAWING NO.	EDC-129430-00-00
	PART NO.	IX61G-A-10P
	CODE NO.	CL251-0021-0-00
		3/2

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3 Drawing for packing (Free)



Notes. 7. This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.



Pin Assignment For 10/100 Mbit/s And 1/10 Gbit/s Ethernet

Contact No.	Signal	
	10/100 Mbit/s	1/10 Gbit/s
1	TX+	BI_DA+
2	TX-	BI_DA-
3	N. C	GND
4	N. C	BI_DC+
5	N. C	BI_DC-
6	RX+	BI_DB+
7	RX-	BI_DB-
8	N. C	GND
9	N. C	BI_DD+
10	N. C	BI_DD-

HRS	DRAWING NO.	EDC-129430-00-00
	PART NO.	IX61G-A-10P
	CODE NO.	CL251-0021-0-00
		3/3