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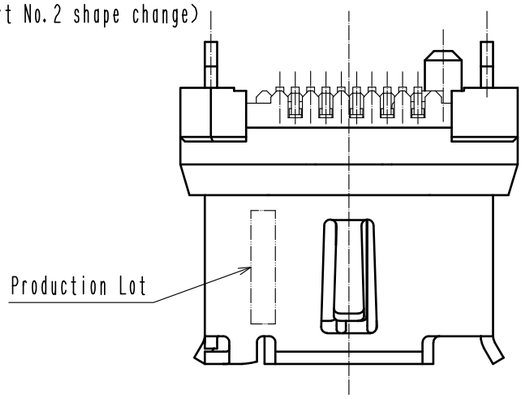
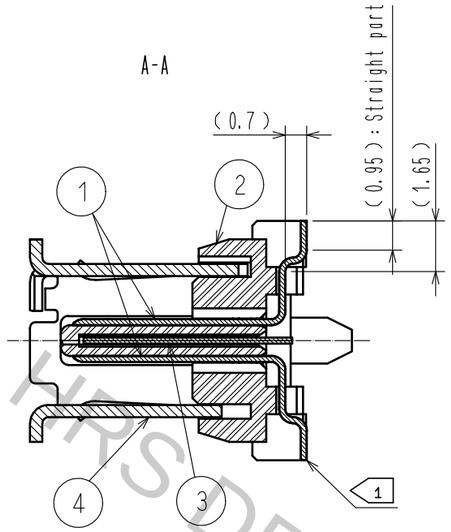
HRS DRAWING FOR REFERENCE

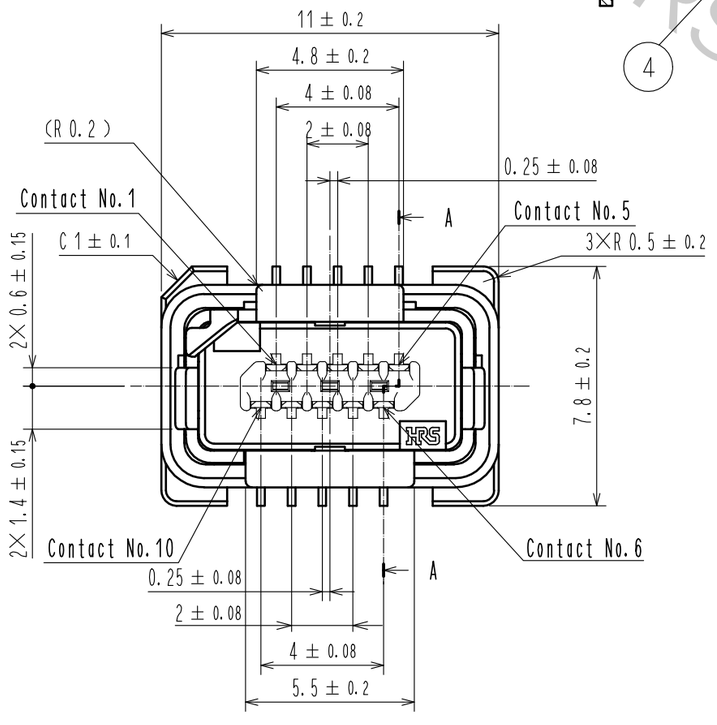
(Part No.2 shape change)

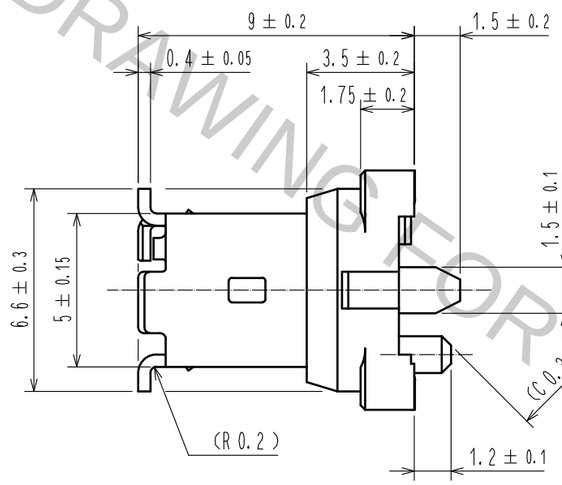


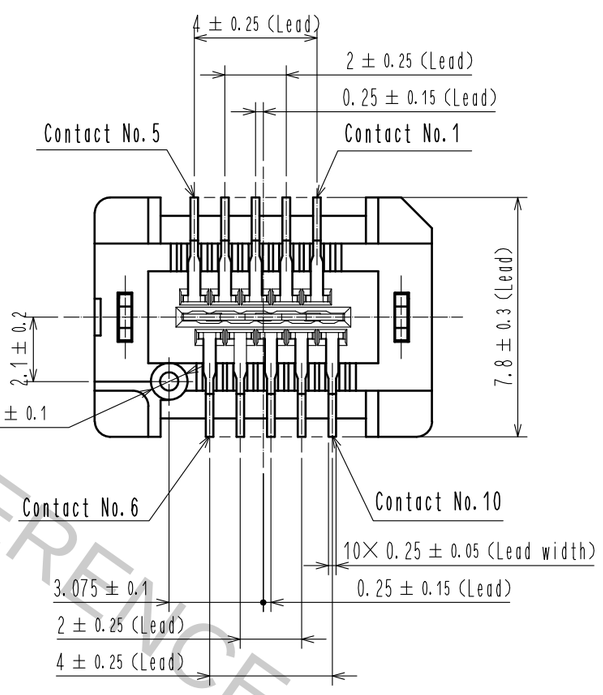
A-A

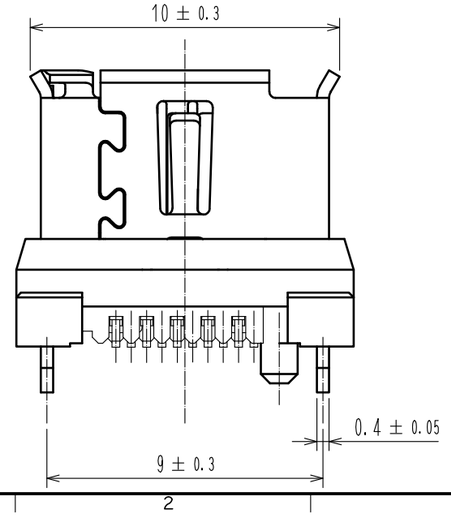


Notes.
1. Co-planarity is within 0.1 mm.
2. As for part No.4 the performance remains good though there might be a difference in the plating luster between each plating lots.
3. Per reel : 450 pcs.
   The vacuum cap (part No.5) is attached to this product at delivery.
4. Refer to the mated condition diagram for the panel thickness and layout.
5. This product is mounted by reflow soldering.
   Refer to specification sheet ELC-129412-01-00 for reflow soldering.

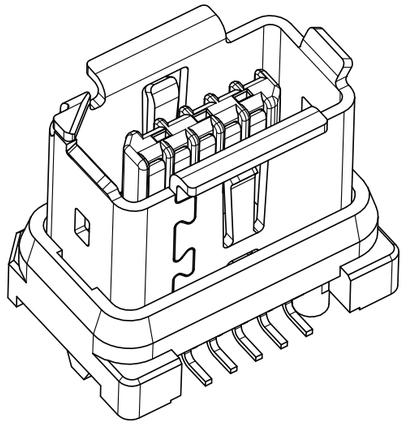








3D image



3	Stainless Steel		7	PE	
2	Polyamide	② Gray、UL94V-0	6	PS	
1	Copper Alloy	Contact area : Palladium-Nickel 0.75 μm min. + Gold 0.05μm min. Lead area : Gold 0.03 μm min. Under plating : Nickel 1.27 μm min.	5	Polyamide	Black、UL94V-0
			4	Stainless Steel	Surface : Tin 1 μm min. Under plating : Nickel 0.2 μm min.
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	②	1	DIS-E-00001787	KS. TAKAHASHI	KI. NAGANUMA	18. 09. 11

HIROSE ELECTRIC CO., LTD.

APPROVED	KI. NAGANUMA	18. 06. 28	DRAWING NO. EDC-129412-01-00
CHECKED	KI. NAGANUMA	18. 06. 28	PART NO. IX80G-A-10P(01)
DESIGNED	YS. SAKODA	18. 06. 28	
DRAWN	YS. SAKODA	18. 06. 28	CODE NO. CL251-0018-0-01 ② 1/3

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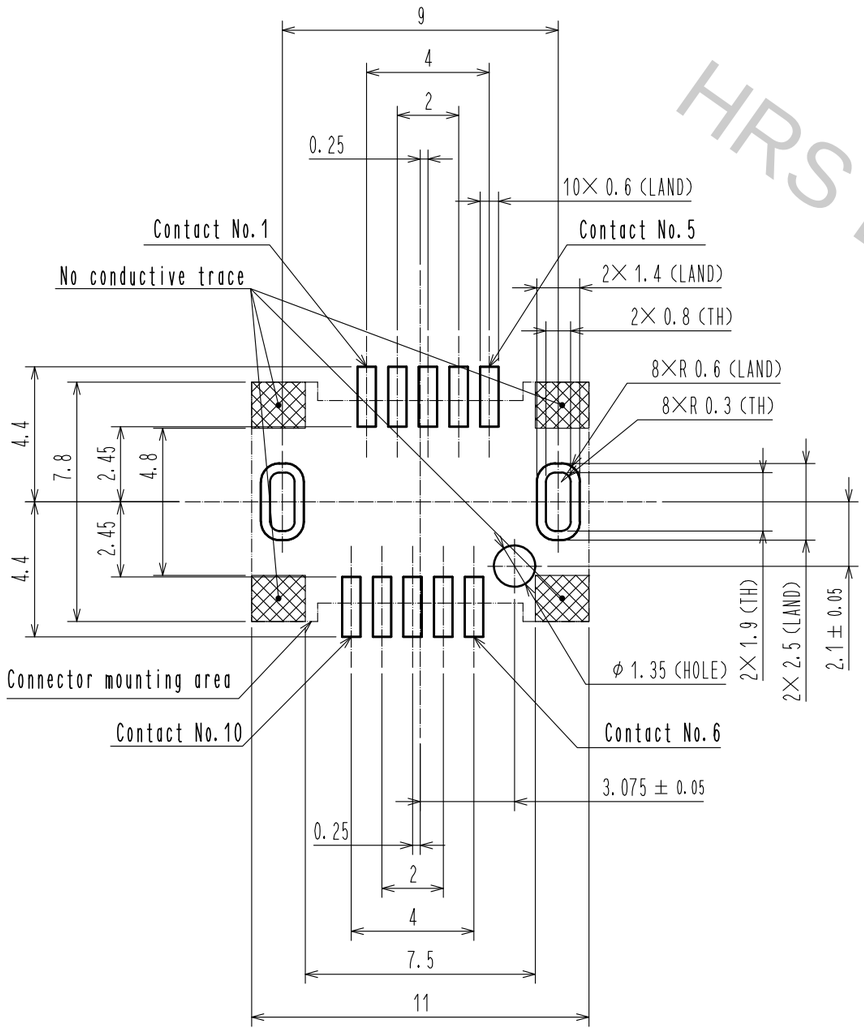
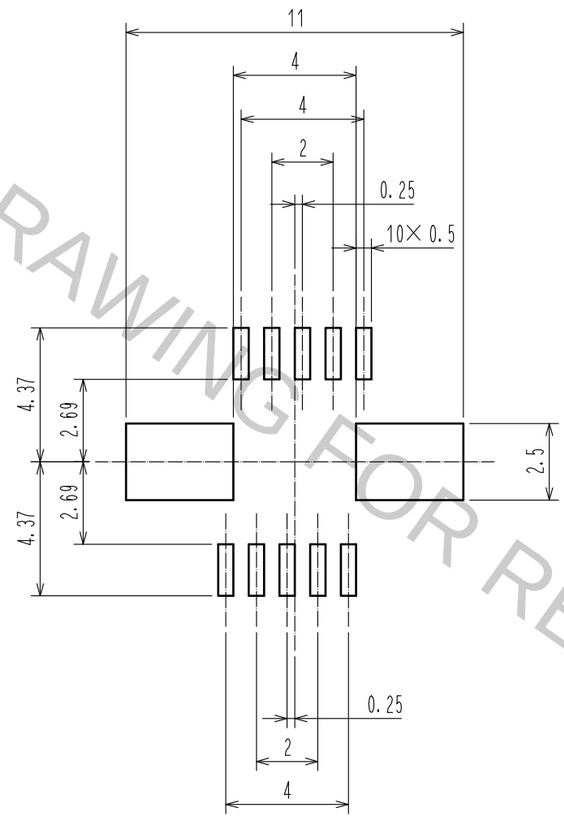
HRS DRAWING FOR REFERENCE

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



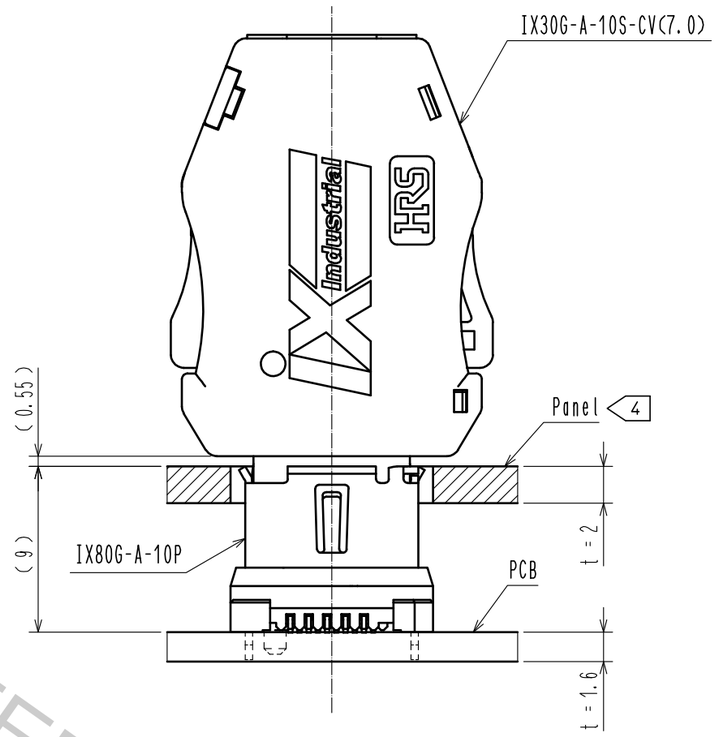
General talerance is +/- 0.05

6 Reference Metal Mask Layout (t = 0.15)

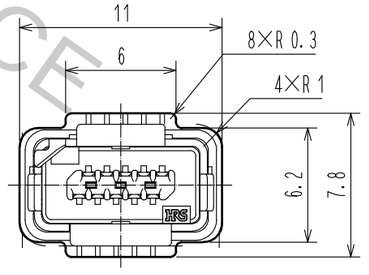


General talerance is +/- 0.05

Mated Condition (Free)



4 Reference Dimensions of Panel Cutout (Free)



Notes. 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 IX80G-*-10P in parallel.
Change the metal mask dimensions, if there are other mounting parts or implementation pattern around the portion of mounting position of IX80G-*-10P.

HRS	DRAWING NO.	EDC-129412-01-00
	PART NO.	IX80G-A-10P(01)
	CODE NO.	CL251-0018-0-01

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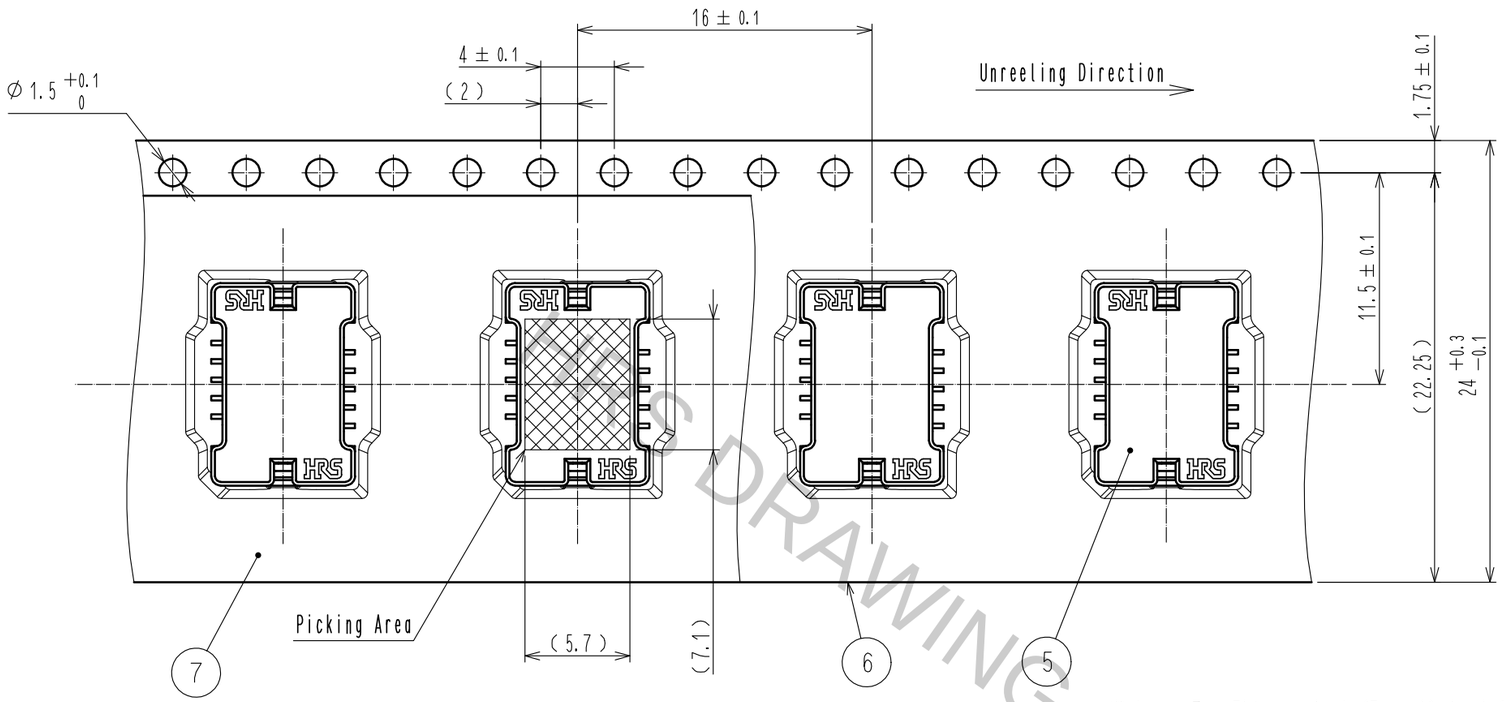
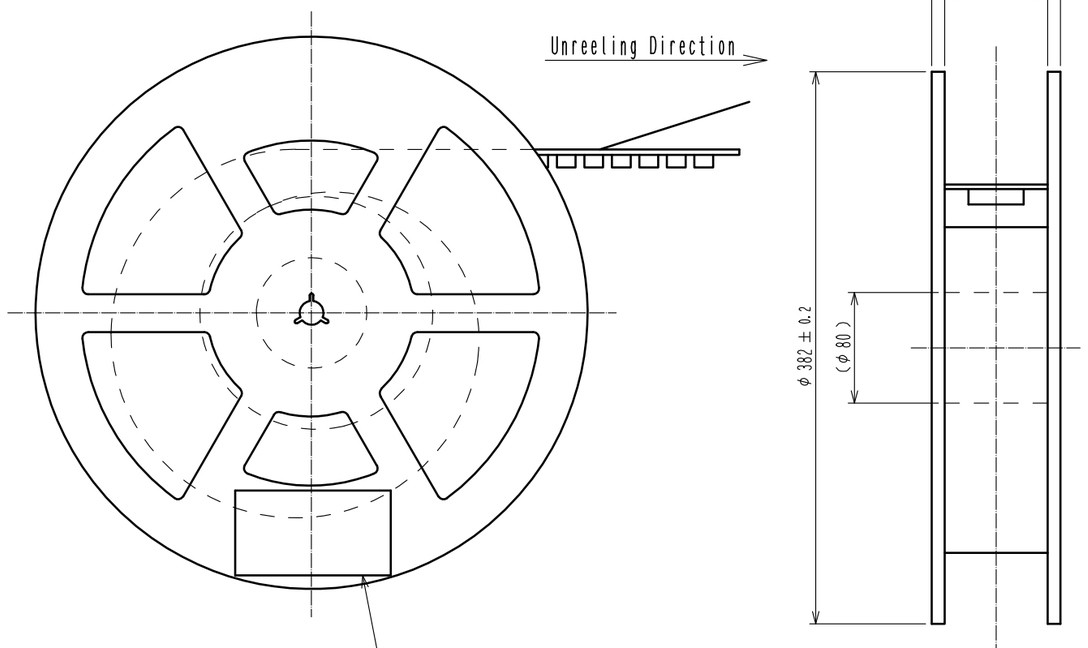
3 Drawing for packing (Free)

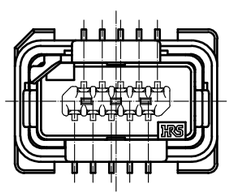




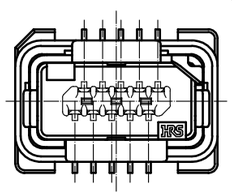
Notes. 7. This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

Mating Shape

Type A



Type B



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-

THIS DRAWING IS FOR REFERENCE

DRAWING NO.	EDC-129412-01-00
PART NO.	IX80G-A-10P(01)
CODE NO.	CL251-0018-0-01