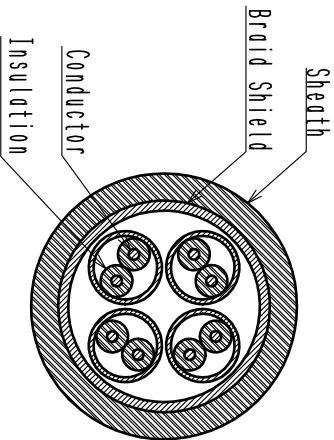


Notes. 1. Recommended cable condition is shown below.
△ A list of compatible cables is available on the Hirose website.
When using a non-recommended cable, please contact a Hirose sales representative.
Refer to the technical specification (ETAD-E3213) for wiring and assembly procedures.

△ Recommended Cable

Items		△ Recommended Condition
Conductor	Size	AWG#28 to 26
	Composition	7 stranded
	Material	Annealed copper wire
Insulation O.D.		φ 0.95 to 1.05mm
Braid Shield		Tin plating
Sheath O.D.		φ 6.3 to 7.2mm

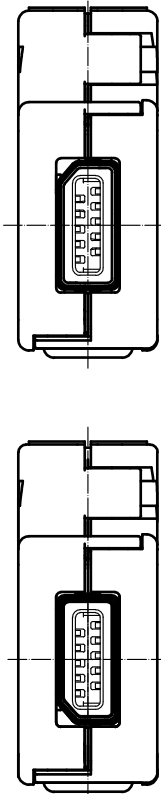


△ This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

△ Mating Key

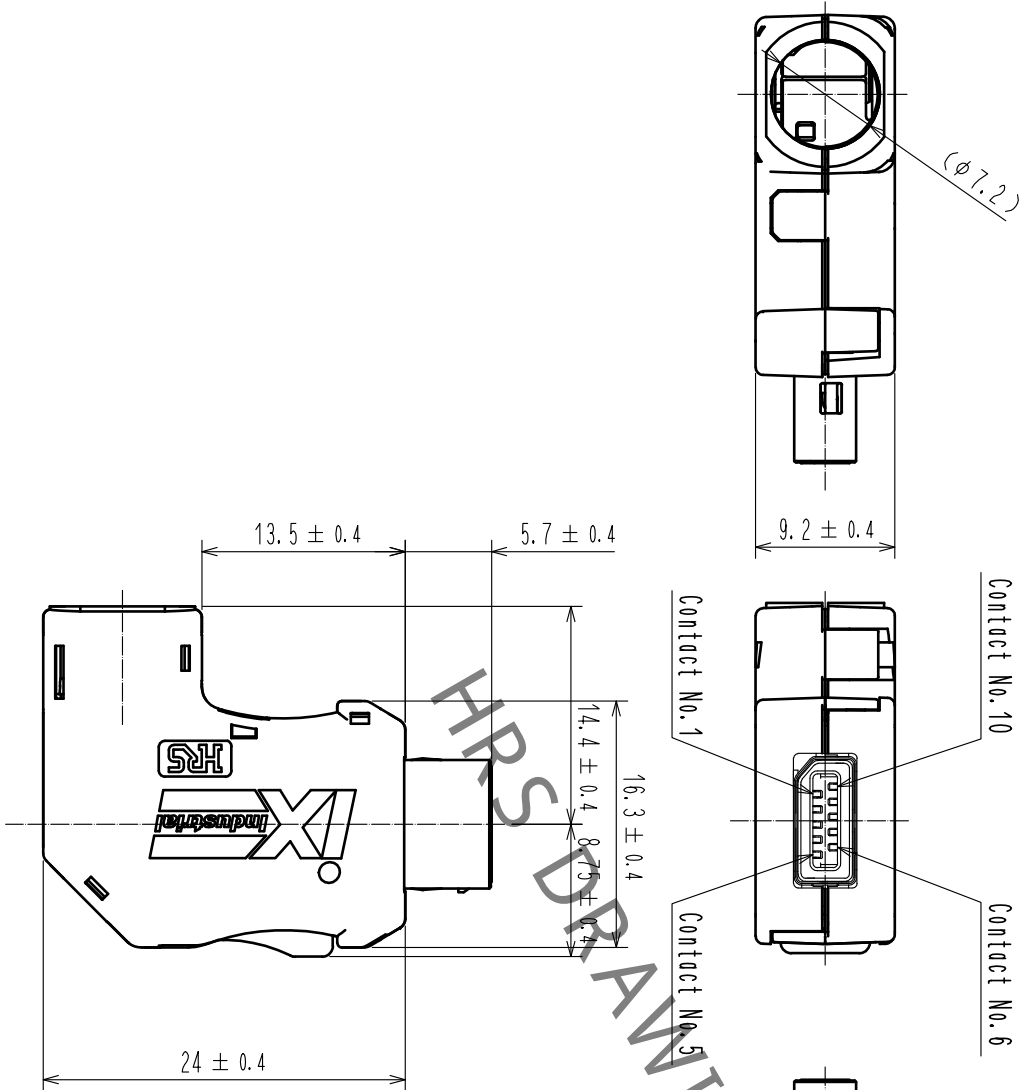
Type A

Type B



△ 3 △ Excluding the plug unit, this product is packaged separately by the type of parts.

The shield shell is packaged prior to bending. (See next page.)
Refer to the technical specification (ETAP-E3224) for packing.



4	PA	Black, UL94V-0	9	PC	Dark gray, UL94V-0
3	Stainless Steel		8	PC	Dark gray, UL94V-0
2	PA	Black, UL94V-0	7	Stainless Steel	Nickel 0.2 μm min
1	Copper Alloy	Contact area : Gold 0.2 μm min Wiring area : Gold 0.03 μm min Under plating : Nickel 2 μm min	6	Stainless Steel	Nickel 1 μm min
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS

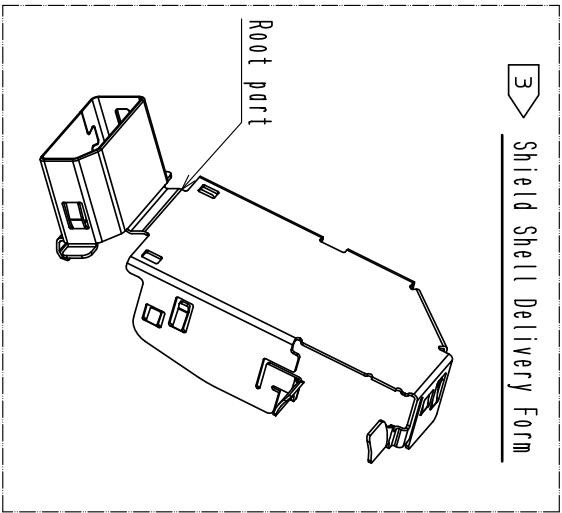
UNITS		SCALE		COUNT		DESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DATE	
mm		2 : 1		6		DIS-E-00006876		MT. YASUDA		KI. KASOTANI		20210922	
△													
APPROVED : MN. KENJO				20191217				DRAWING				EDC-129974-00-00	
CHECKED : KI. NAGANUMA				20191217				PART				IX306-A-10S-CVL1(7, 0)	
DESIGNED : MT. YASUDA				20191217				CODE				CL0251-0063-0-00	
DRAWN : GYEONGMIN LEE				20191217				NO.				△ 1/2	

HRS
HIROSE
ELECTRIC
CO., LTD.

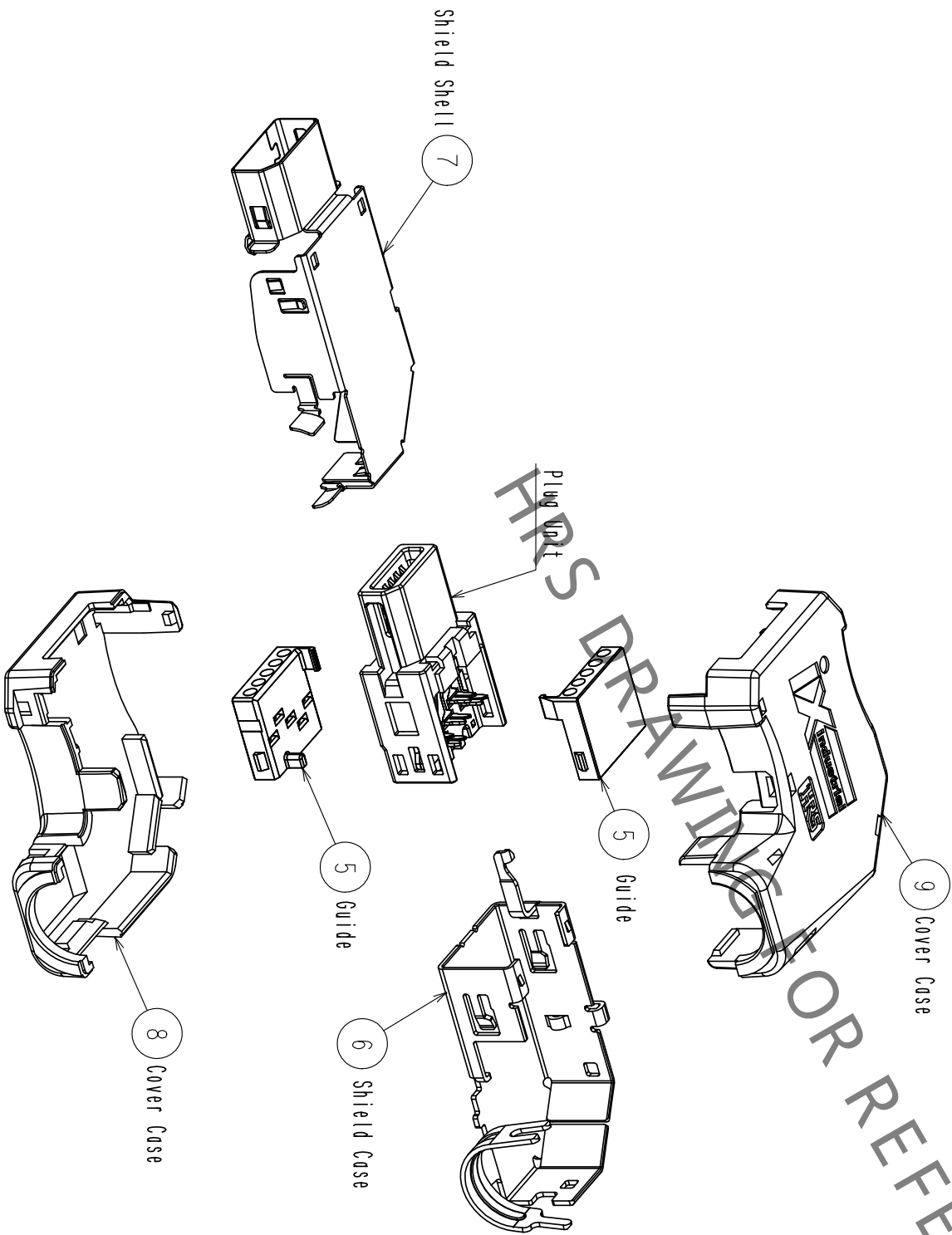
2 Pin Assignment For 10/100 Mbit/s And 1/10 Gbit/s Ethernet

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

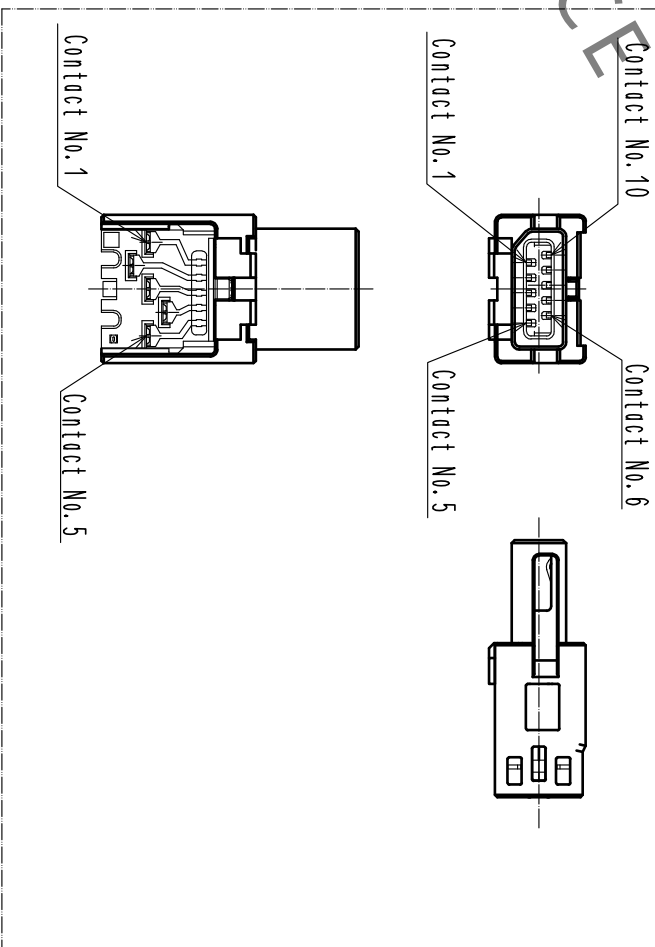
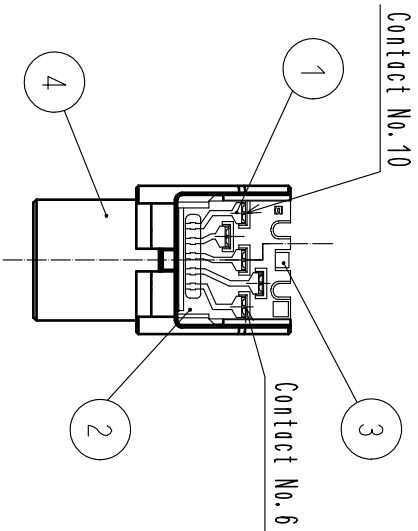
3 Shield Shell Delivery Form



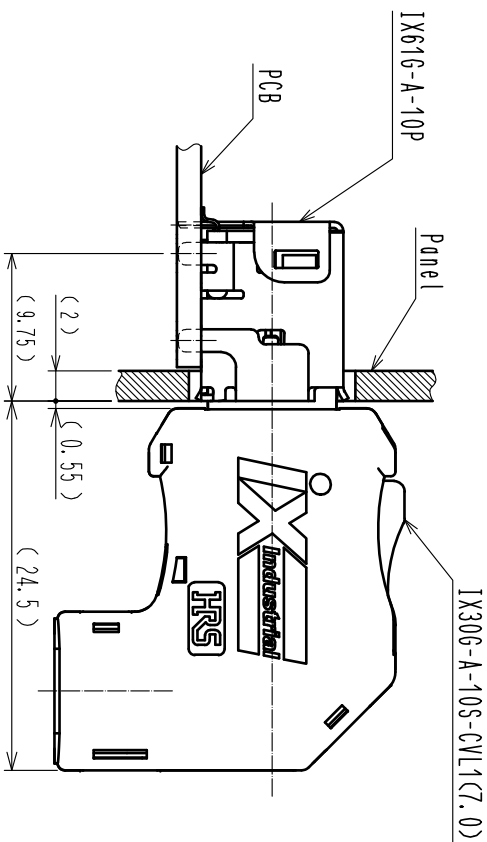
3 Product Structure



Plug Unit



2 Mated Condition



DRAWING NO.		EDC-129974-00-00	
PART NO.		IX306-A-10S-CVL1(7.0)	
CODE		CL0251-0063-0-00	

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