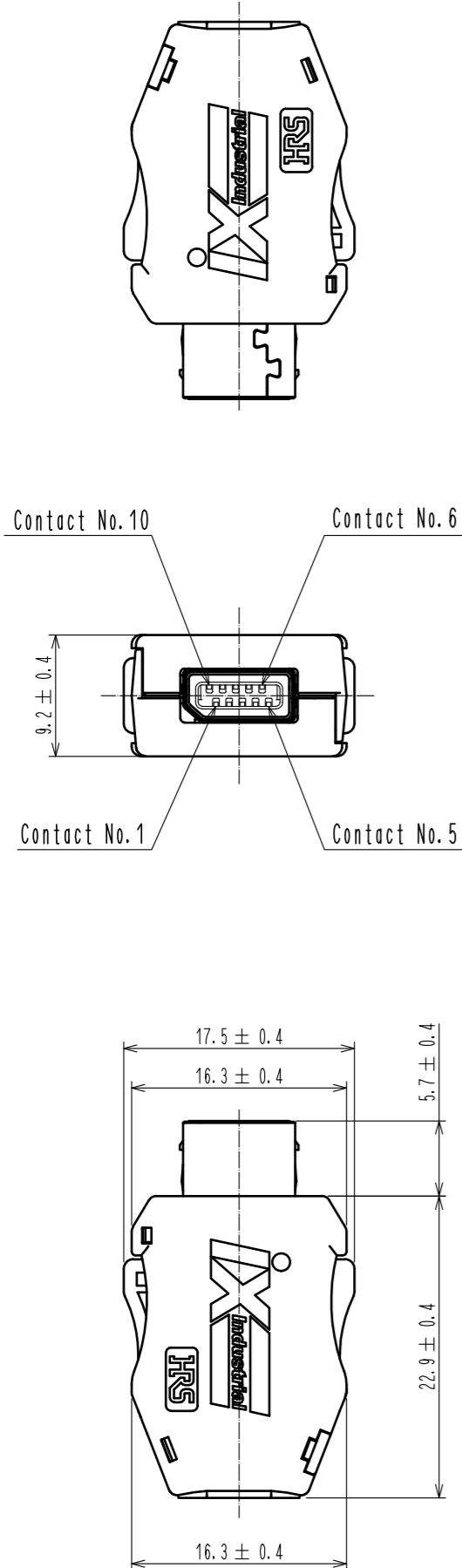


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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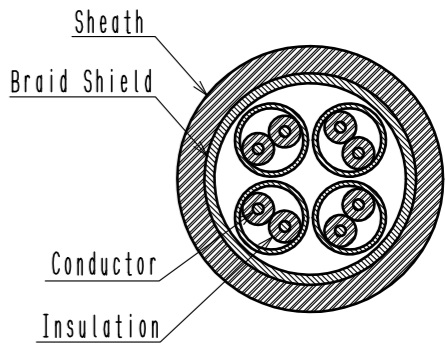
2 Pin Assignment For 10/100 Mbit/s And 1/10 Gbit/s Ethernet

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-

- Notes.
1. Recommended cable condition is shown below.
 - 3 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-E3162) for wiring and assembly procedures.
Tool HT803/IXG-8/10S-63-72 is used for cable assembly of IX32G.

3 Recommended Cable

Items		Recommended Condition
Conductor	Size	AWG#22
	Composition	7 stranded
	Material	Annealed copper wire
Insulation O.D.		φ1.4 to 1.6mm
Braid Shield		Tin plating
Sheath O.D.		φ6.3 to 7.2mm

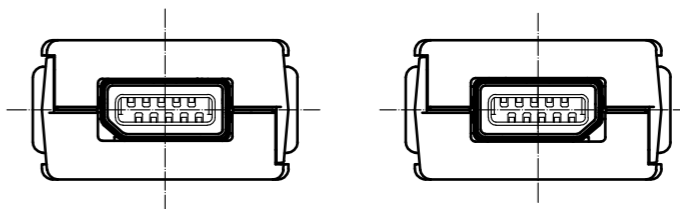


- 2 This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

3 Mating Key

Type A

Type B



- 3 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.)

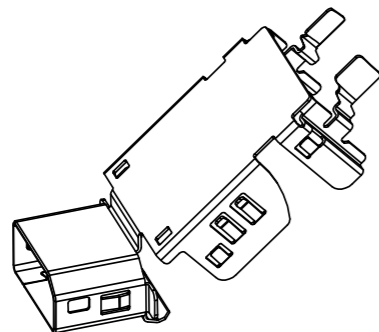
4. Cable assembly is possible up to 8pos.
Contact No. 3 and 8 do not have a hole to pass the cable through the IDC guide.

3	Stainless Steel		8	PC	Dark gray, UL94V-0
2	PA	Dark gray, UL94V-0	7	Stainless Steel	Nickel 0.2 μm min
1	Copper Alloy	Contact area : Palladium-Nickel 0.75 μm min + Gold 0.05 μm min	6	Stainless Steel	Nickel 1 μm min
		Wiring area : Gold 0.03 μm min	5	PC	Clear blue, UL94V-0
		Under plating : Nickel 2 μm min	4	PA	Black, UL94V-0
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 6	DESCRIPTION OF REVISIONS DIS-E-00006883	DESIGNED MT. YASUDA
HIROSE ELECTRIC CO., LTD.		APPROVED : RI. TAKAYASU	20180730	DRAWING NO.	EDC-129795-01-00
		CHECKED : KI. NAGANUMA	20180727	PART NO.	IX32G-A-8S-CV(7.0) (C01)
		DESIGNED : JY. IGA	20180727	CODE NO.	CL0251-0042-0-01
		DRAWN : JY. IGA	20180727		
				DATE	20211025

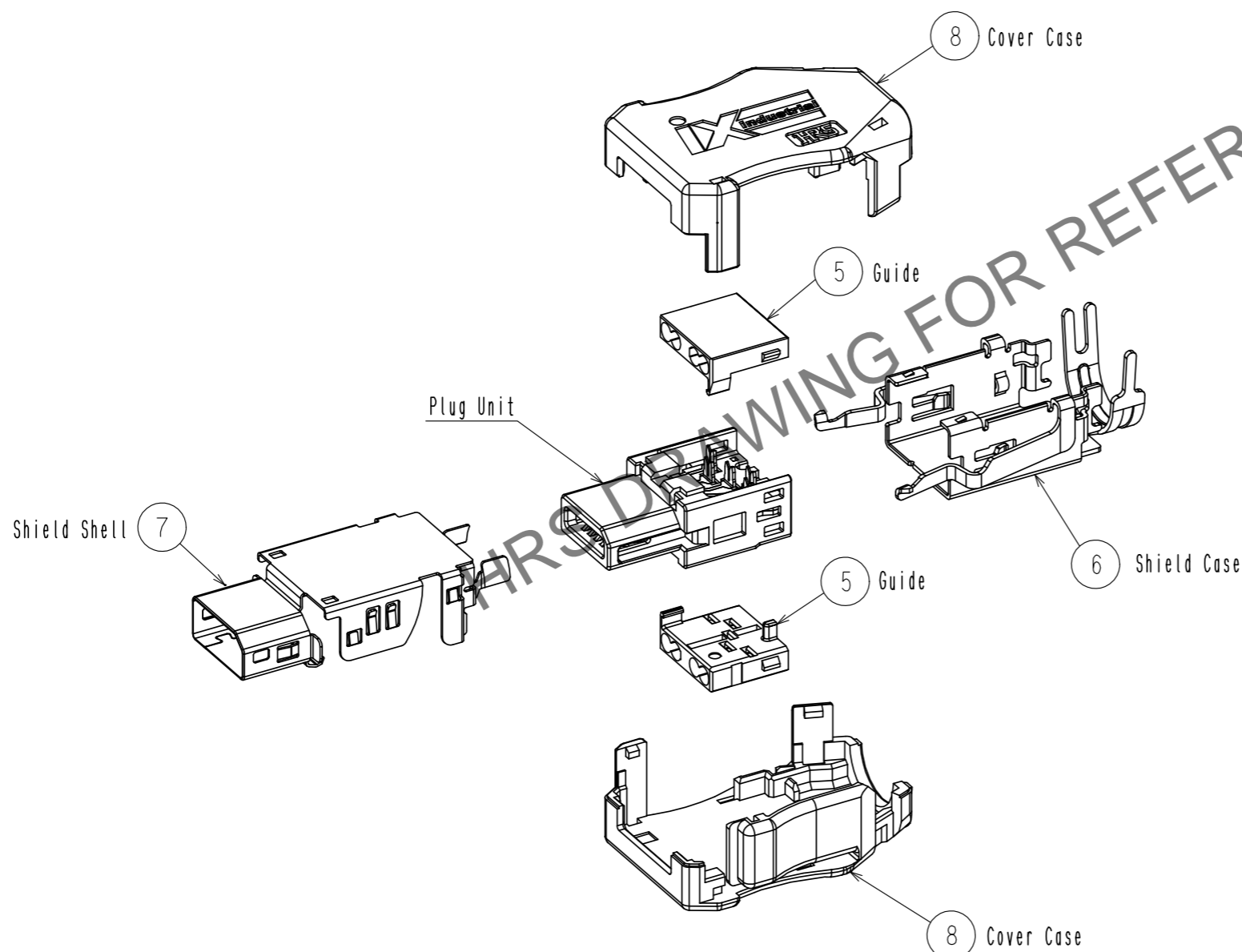
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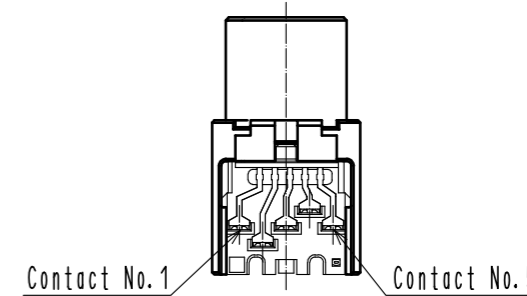
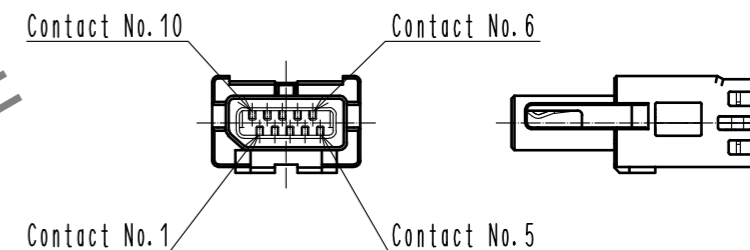
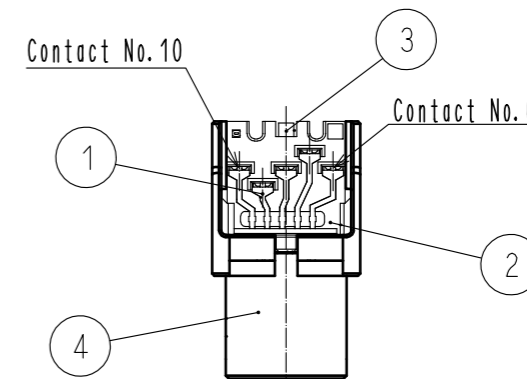
3 Shield Shell Delivery Form



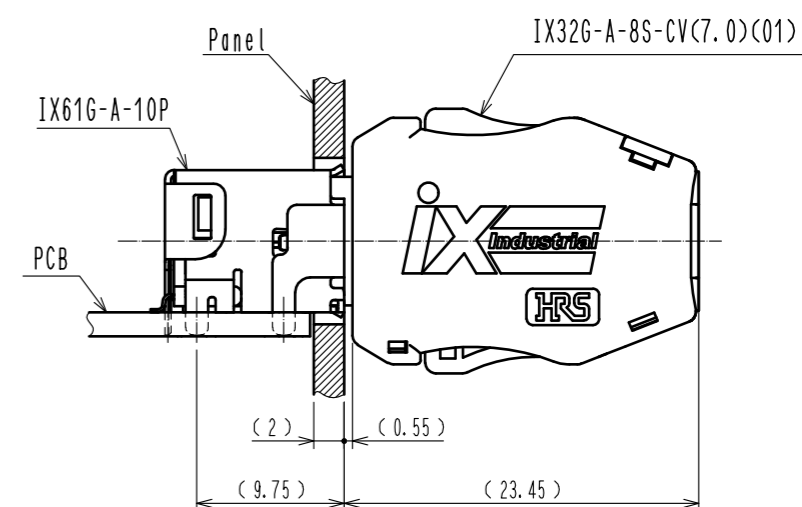
3 Product Structure



Plug Unit



Mated Condition



HR

DRAWING NO.	EDC-129795-01-00
PART NO.	IX32G-A-8S-CV(7.0)(01)
CODE NO.	CL0251-0042-0-01

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