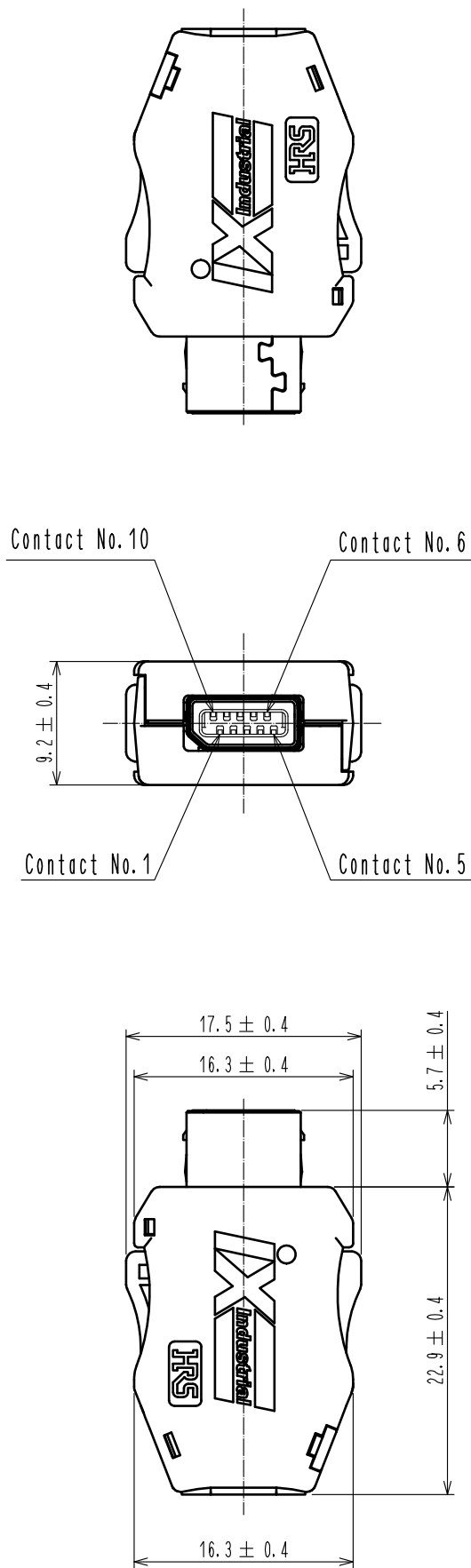


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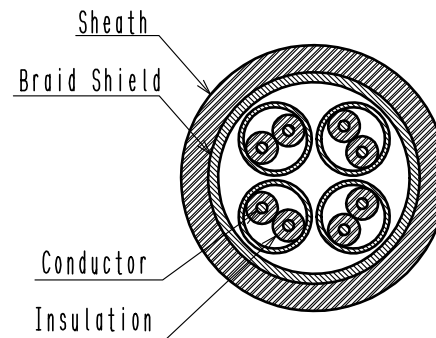
2 Pin Assignment For 10/100 Mbit/s And 1/10 Gbit/s Ethernet

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.
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.

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

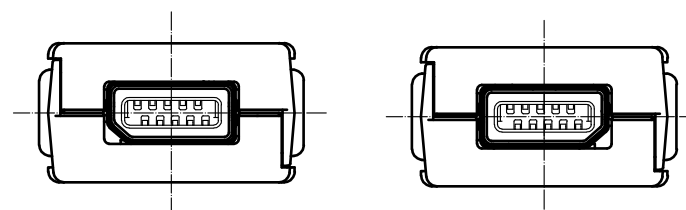


2 This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

Mating Key

Type A

Type B



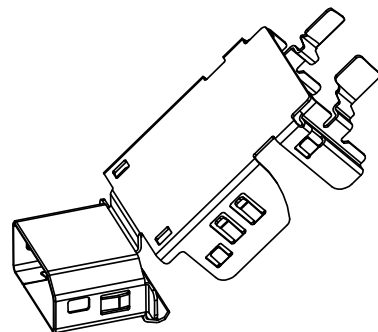
3 Excluding the plug unit, this product is packaged separately by the type of parts.
The shield shell is packaged prior to bending. (See next page.)

4	PA	Black, UL94V-0	8	PC	Dark gray, UL94V-0
3	Stainless Steel		7	Stainless Steel	Nickel 0.2 μm min
2	PA	Black, UL94V-0	6	Stainless Steel	Nickel 1 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	5	PC	Clear, UL94V-0
NO. MATERIAL		FINISH . REMARKS	NO. MATERIAL		FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 6		DESCRIPTION OF REVISIONS DIS-E-00006851
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : RI. TAKAYASU		20170324	
		CHECKED : KI. NAGANUMA		20170324	
		DESIGNED : HT. SATO		20170324	
		DRAWN : HT. SATO		20170324	
		DESIGNED		MT. YASUDA	
		CHECKED		KI. KAGOTANI	
		DATE		20210910	
		DRAWING NO.		EDC-129419-00-00	
		PART NO.		IX30G-A-10S-CV(7.0)	
		CODE NO.		CL0251-0020-0-00	
				1/2	

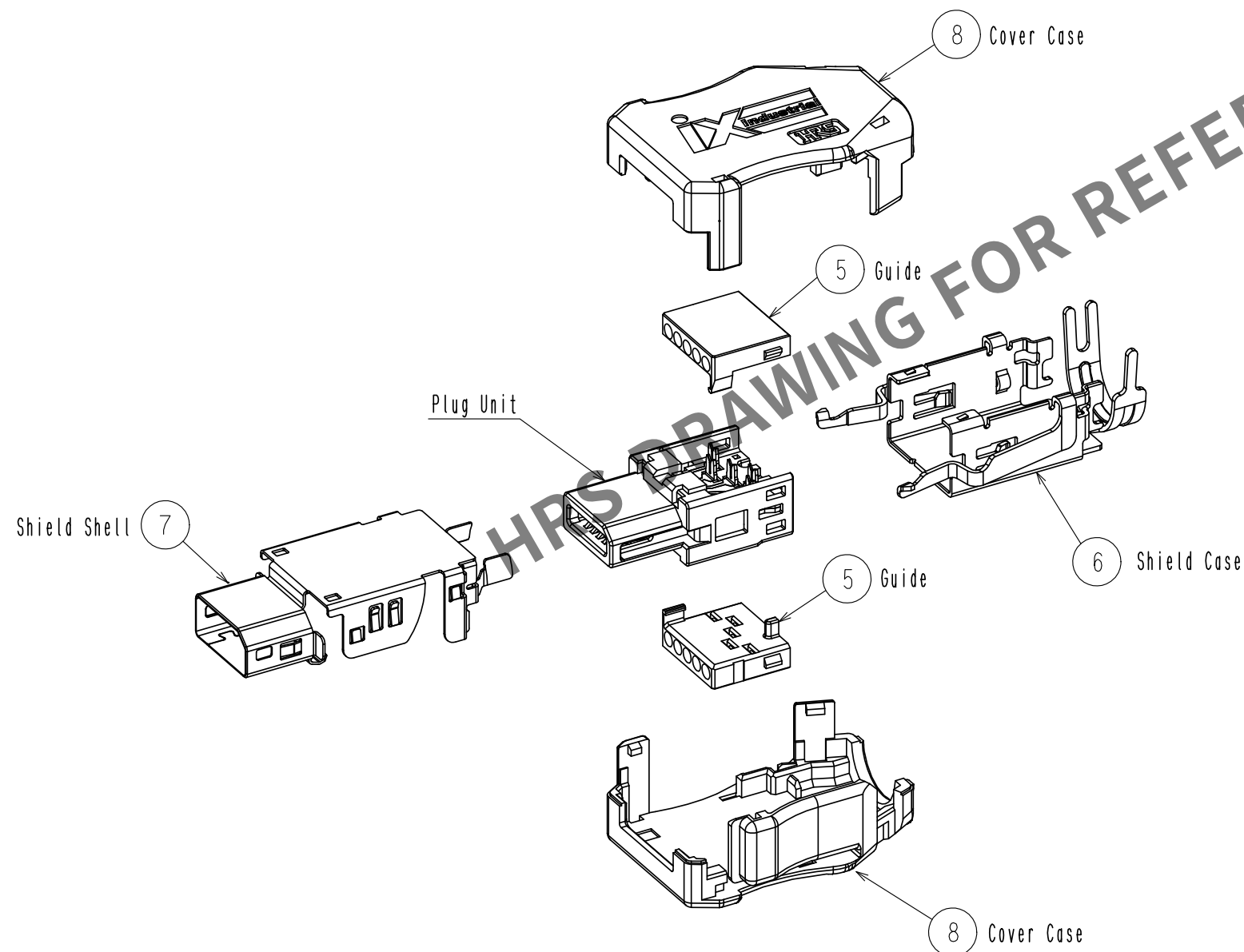
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

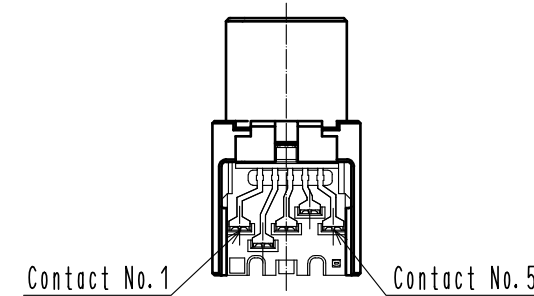
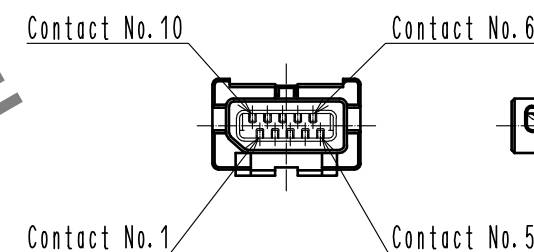
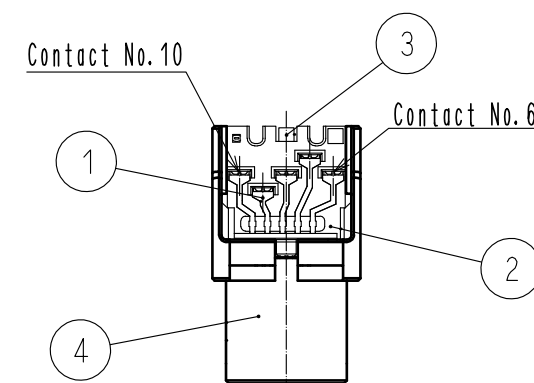
3 Shield Shell Delivery Form



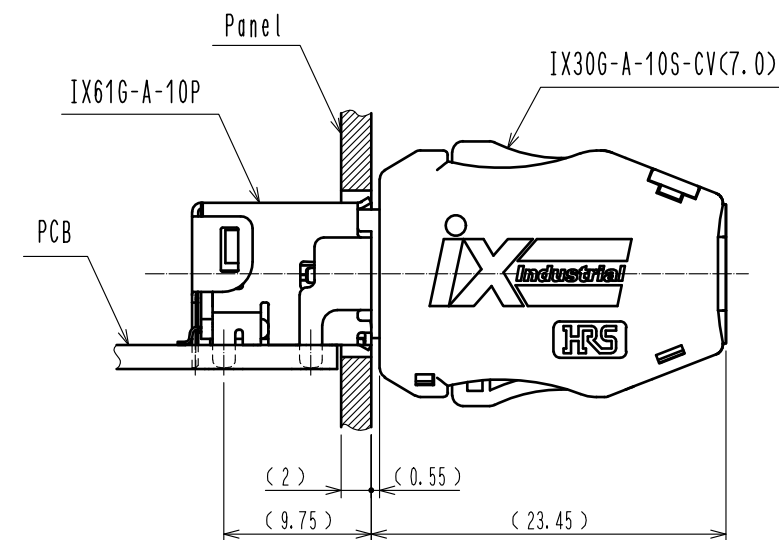
3 Product Structure



Plug Unit



5 Mated Condition



HRS

DRAWING NO.	EDC-129419-00-00
PART NO.	IX30G-A-10S-CV(7.0)
CODE NO.	CL0251-0020-0-00

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