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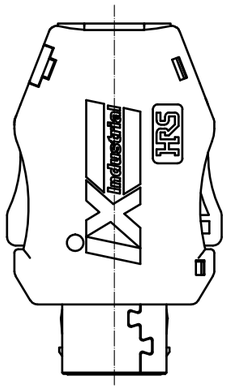
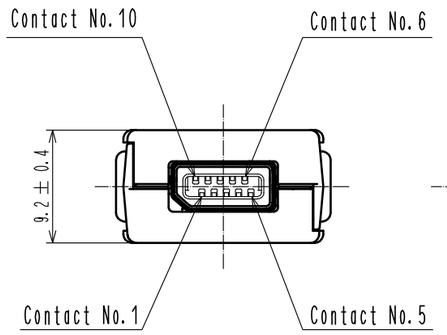
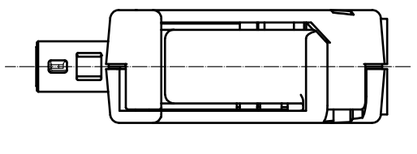
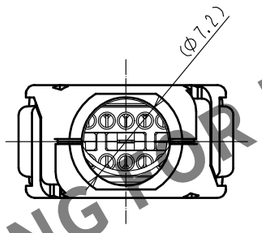
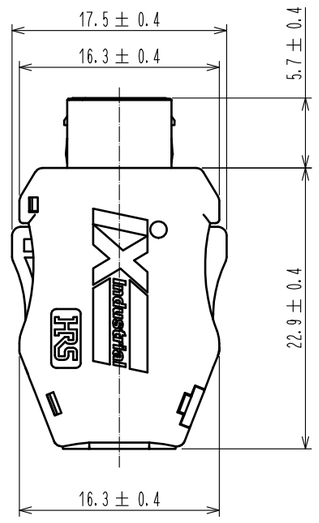






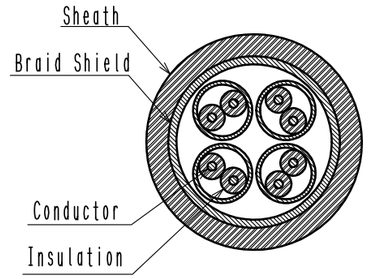




Notes. 1. Recommended cable condition is shown below.
△5 A list of compatible cables is available on the Hirose website.
When using a non-recommended cable, please contact a Hirose sales representative.
Refer to the technical specification (ETAD-E3162) for wiring and assembly procedures.

△5 Recommended Cable

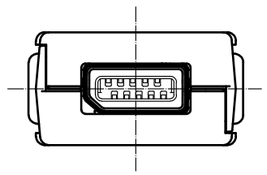
Items		Recommended Condition
Conductor	Size	AWG#28 to 26
	Composition	7 stranded
	Material	Annealed copper wire
Insulation O.D.		φ0.95 to 1.05mm
Braid Shield		Tin plating
Sheath O.D.		φ6.3 to 7.2mm



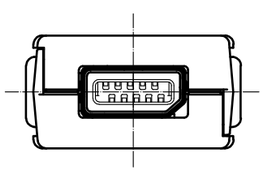
2 This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

△5 Mating Key

Type A



Type B



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-

△5 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.)

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
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 : Palladium-Nickel 0.75 μm min + Gold 0.05 μm min Wiring area : Gold 0.03 μm min Under plating : Nickel 2 μm min	6	Stainless Steel	Nickel 1μm min
			5	PC	Clear, UL94V-0
			4	PA	Black, UL94V-0

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△5	6	DIS-E-00006876	MT. YASUDA	KI. KAGOTANI	20210922

HIROSE ELECTRIC CO., LTD.

APPROVED	RI. TAKAYASU	20170328	DRAWING NO. EDC-129419-01-00
CHECKED	KI. NAGANUMA	20170328	PART NO. IX30G-A-10S-CV(7.0)(01)
DESIGNED	HT. SATO	20170328	
DRAWN	HT. SATO	20170328	CODE NO. CL0251-0020-0-01 △5 1/2

HRS DRAWING FOR REFERENCE

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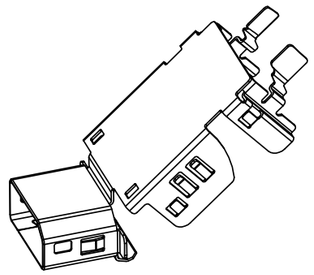
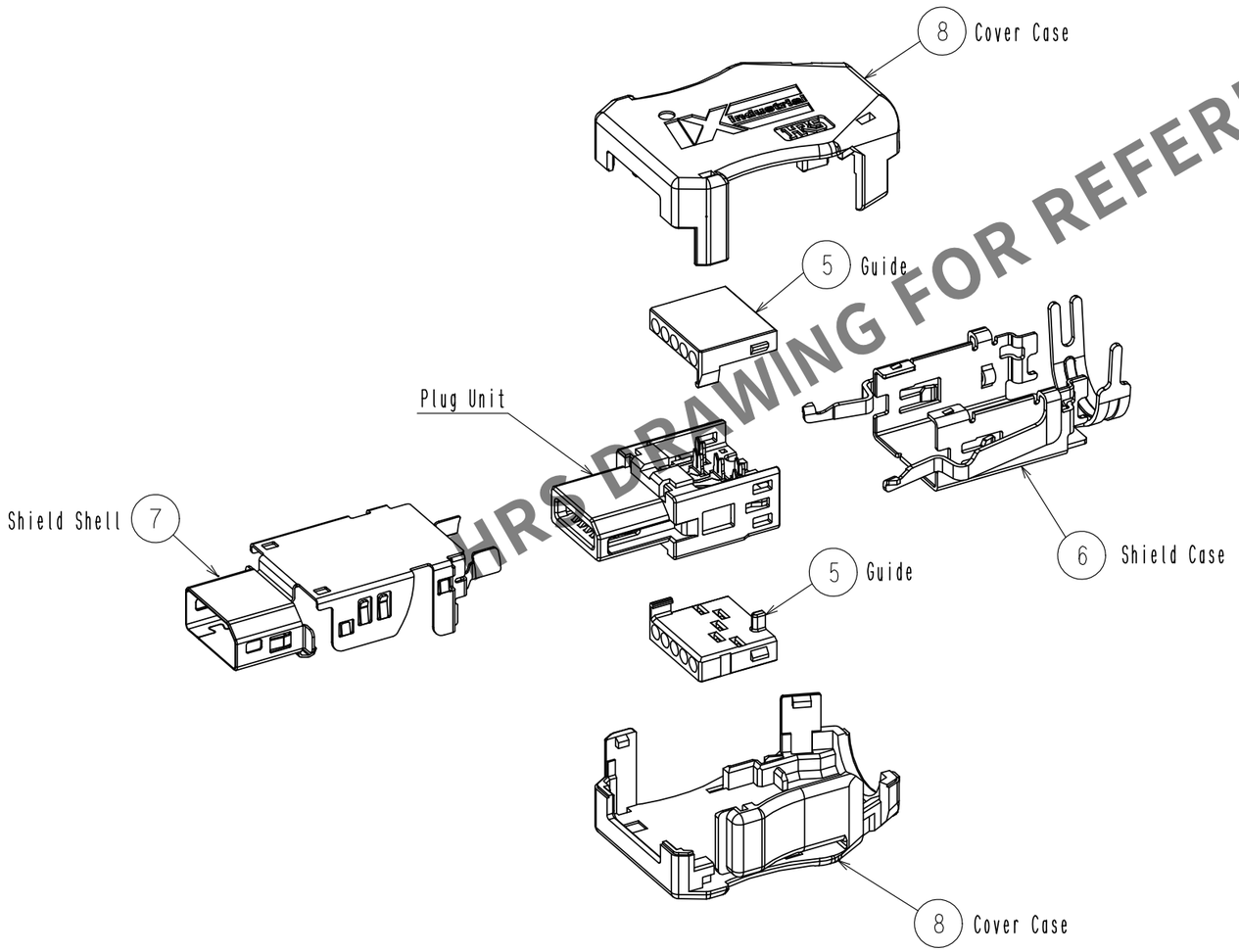
HRS DRAWING FOR REFERENCE

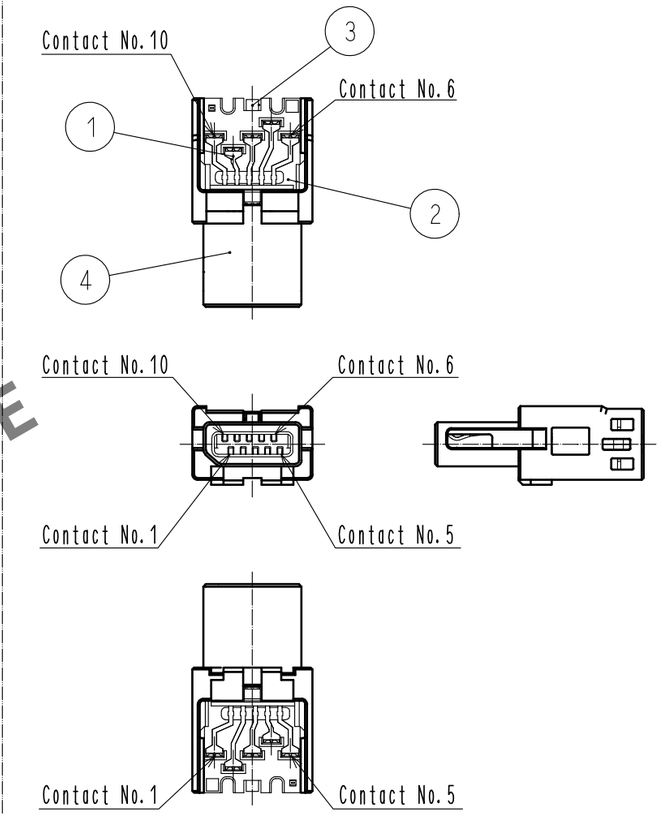
3 Shield Shell Delivery Form



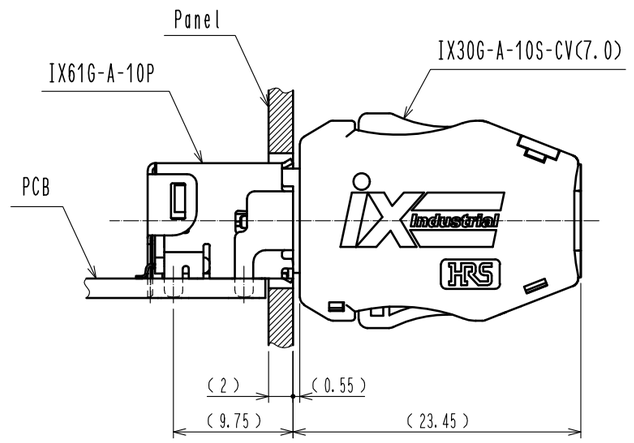
3 Product Structure



Plug Unit



5 Mated Condition



HRS	DRAWING NO.	EDC-129419-01-00
	PART NO.	IX30G-A-10S-CV(7.0)(01)
	CODE NO.	CL0251-0020-0-01

5 2/2