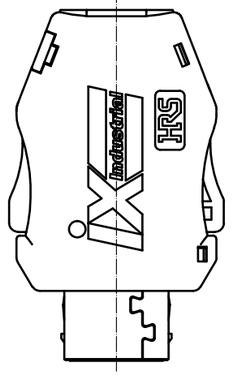
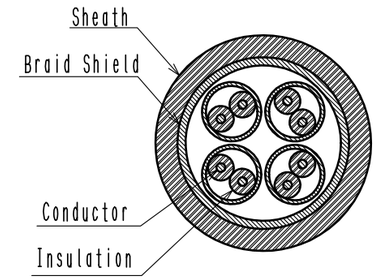
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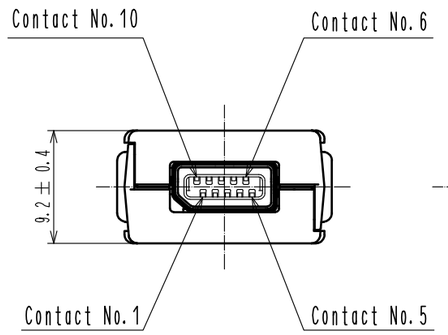


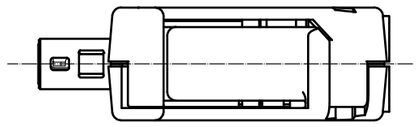
Notes. 1. Recommended cable condition is shown below.
△5 A list of compatible cables is available on the Hirose website.
When using a non-recommended cable, please contact a Hirose sales representative.
Refer to the technical specification (ETAD-E3164) for wiring and assembly procedures.

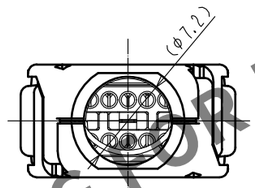
△5 Recommended Cable

Items	△5 Recommended Condition
Conductor size	AWG # 28-22
Insulation O.D.	ϕ 1.55 mm MAX.
Braid Shield	Tin plating
Sheath O.D.	ϕ 6.3 -7.2 mm





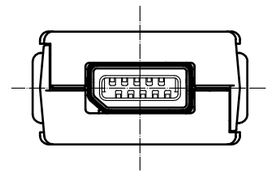




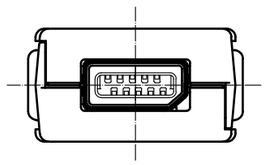
2 This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

△5 Mating Key

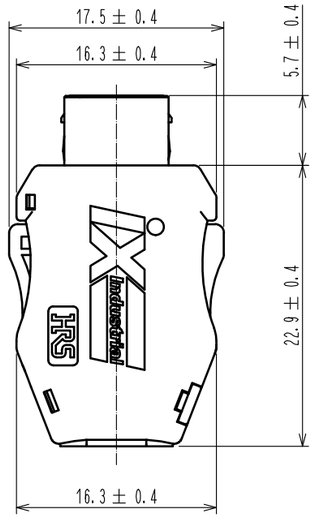
Type A



Type B



HRS DRAWING FOR REFERENCE



△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		7	PC	Dark gray, UL94V-0
2	PA	Black, UL94V-0	6	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	5	Stainless Steel	Nickel 1μm min
			4	PA	Black, UL94V-0

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△5	6	DIS-E-00006884	MT. YASUDA	KI. KAGOTANI	20210929

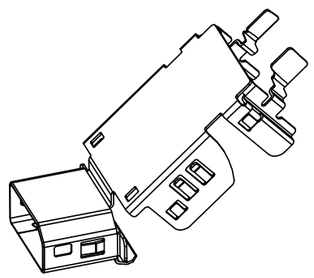
HIROSE ELECTRIC CO., LTD.

APPROVED	RI. TAKAYASU	20170328	DRAWING NO. EDC-129431-00-00
CHECKED	KI. NAGANUMA	20170327	PART NO. IX40G-A-10S-CV(7.0)
DESIGNED	TS. SAKAIZAWA	20170327	
DRAWN	TS. SAKAIZAWA	20170327	CODE NO. CL0251-0022-0-00 △5 1/2

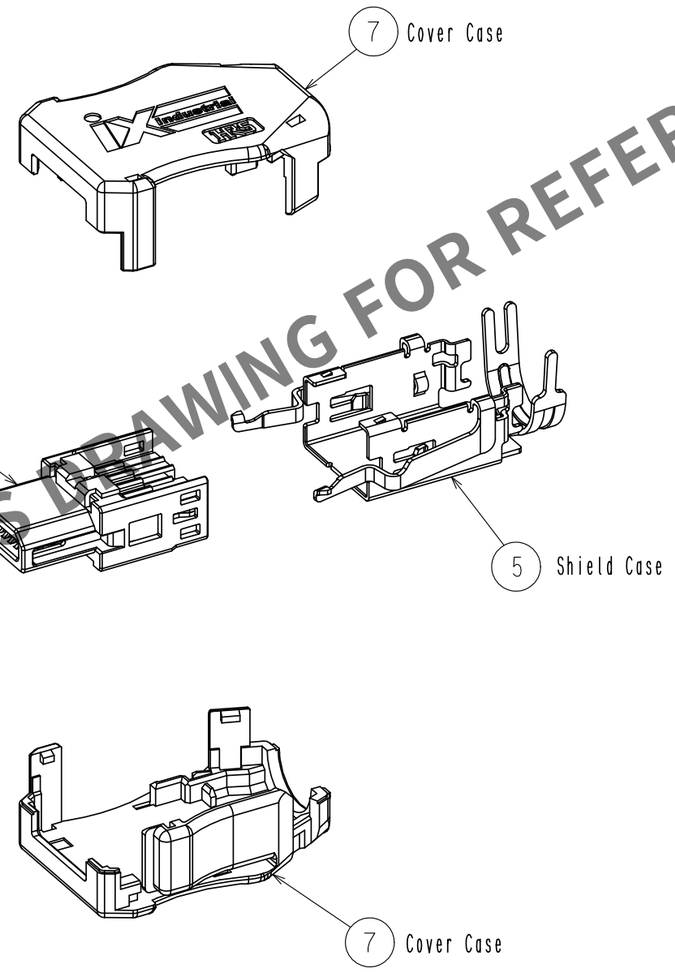
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HRS DRAWING FOR REFERENCE

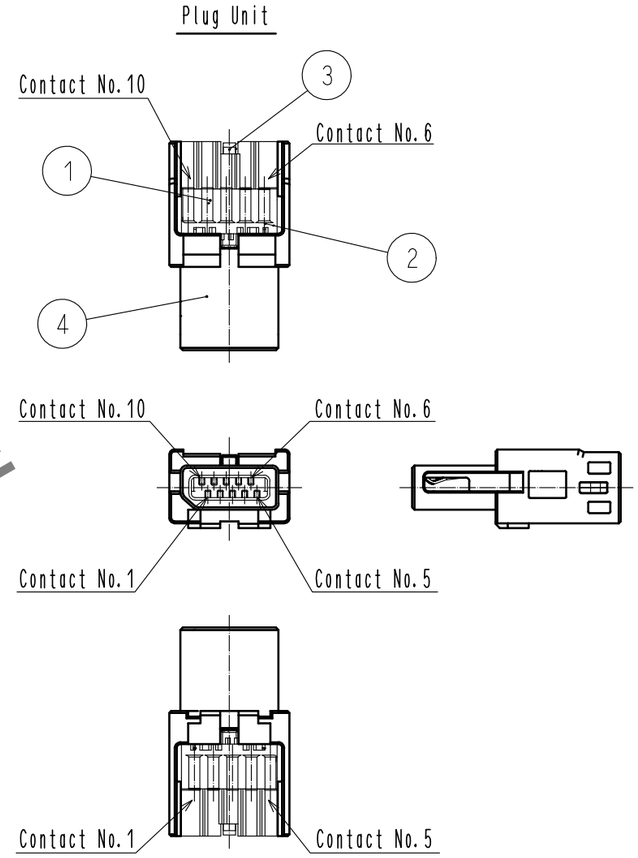
3 Shield Shell Delivery Form



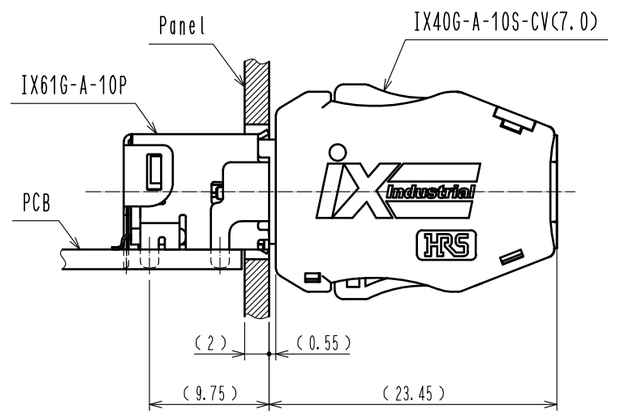
3 Product Structure



Plug Unit



5 Mated Condition



HRS	DRAWING NO.	EDC-129431-00-00
	PART NO.	IX40G-A-10S-CV(7.0)
	CODE NO.	CL0251-0022-0-00

5 2/2