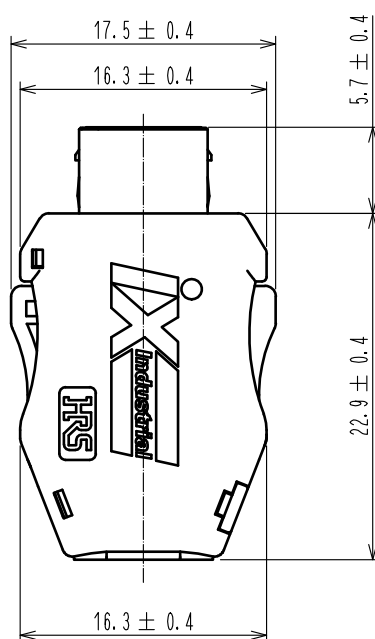
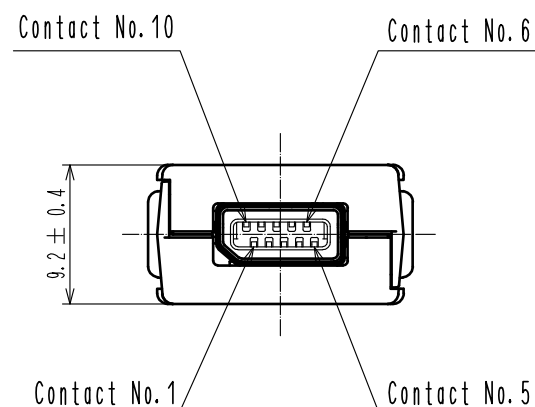
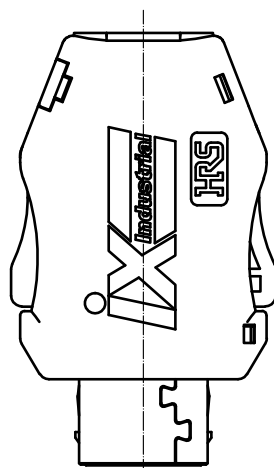


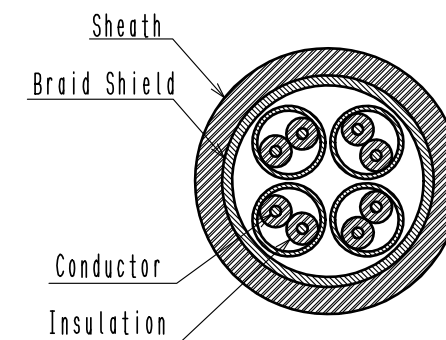
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△ (Part No. 4 shape change)



Notes. 1. Applicable cable condition is shown below.
In case of using a not applicable cable, please contact our sales representative.
Refer to the technical specification (ETAD-E3164-00) for wiring and assembly procedure.

Applicable Cable	
Items	Applicable 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

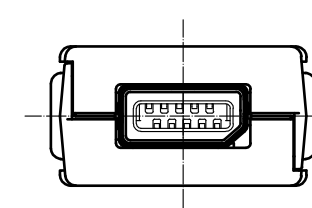
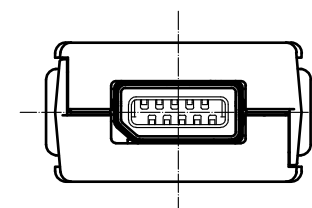


② This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

Mating Shape

Type A

Type B



③ This product except plug unit is packed separately by the types of parts.
Shield Shell is packed in pre-bended state. (See next page.)

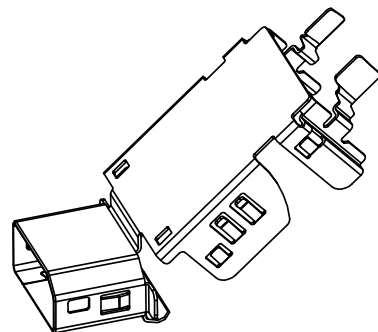
② Pin Assignment For 10/100 Mbit/s And 1/10 Gbit/s Ethernet

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-

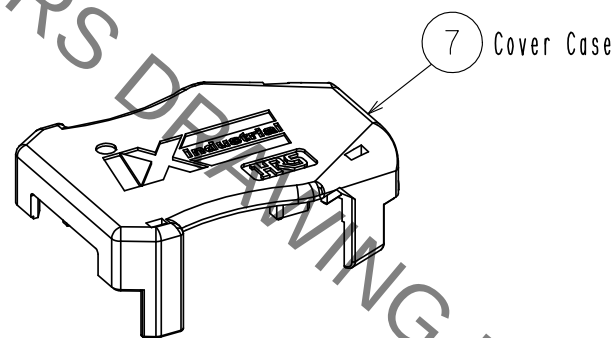
3	Stainless Steel		7	PC	Dark gray, UL94V-0
2	PA	Black, UL94V-0	6	Stainless Steel	Nickel 0.2 μm min
1	Copper Alloy	Contact area : Gold 0.2 μm min Wiring area : Gold 0.03 μm min Under plating : Nickel 2 μm min	5	Stainless Steel	Nickel 1 μm min
			4	PA	Black, UL94V-0
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 1	DESCRIPTION OF REVISIONS DIS-E-00003265	
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	CODE NO. CL251-0022-0-00	
		DRAWN : TS. SAKAIZAWA	20170327		
				DESIGNED KI. KAGOTANI	CHECKED MN. KENJO
				DATE 20200925	

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3 Shield Shell Delivery Form

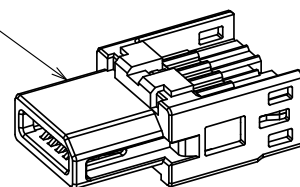


3 Product Structure

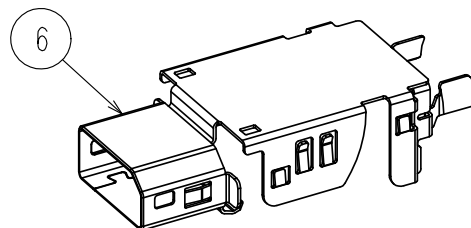


7 Cover Case

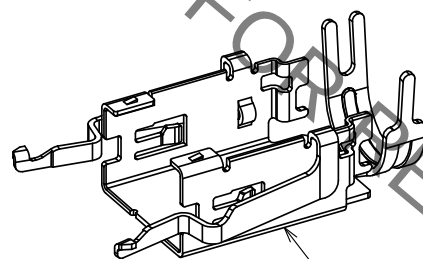
Plug Unit



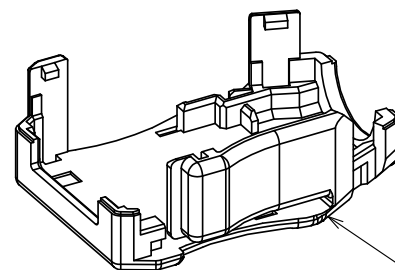
Shield Shell



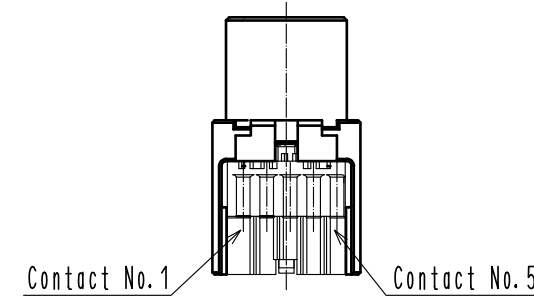
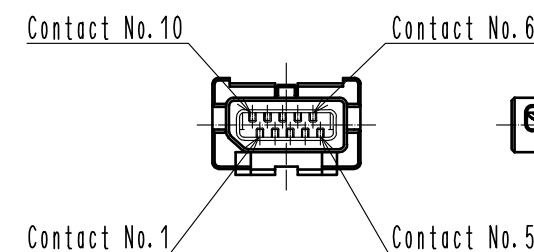
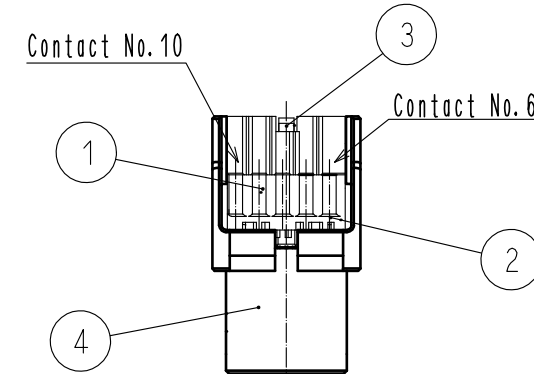
5 Shield Case



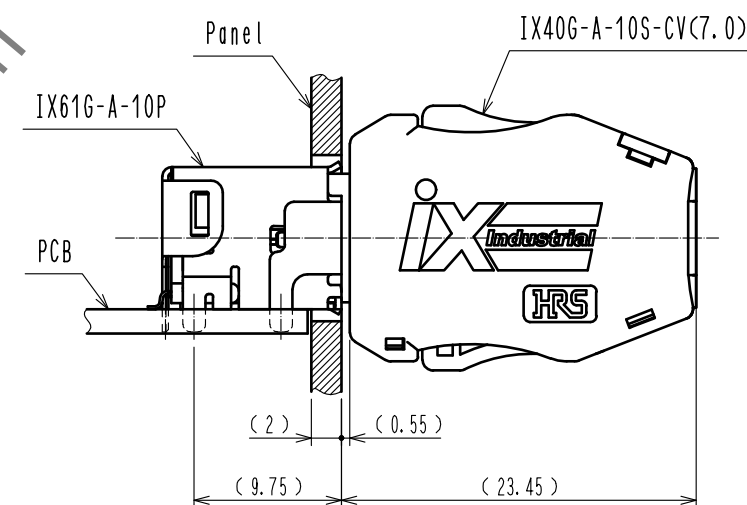
7 Cover Case



Plug Unit



Mating Condition



HR

DRAWING NO.	EDC-129431-00-00
PART NO.	IX40G-A-10S-CV(7.0)
CODE NO.	CL251-0022-0-00

4/2

Mouser Electronics

Authorized Distributor

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[IX40G-A-10S-CV\(7.0\)](#)