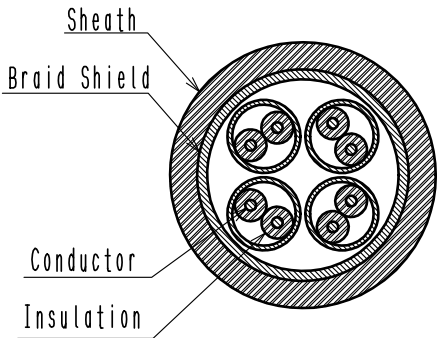


2 Pin Assignment For 10/100 Mbit/s And 1/10 Gbit/s Ethernet

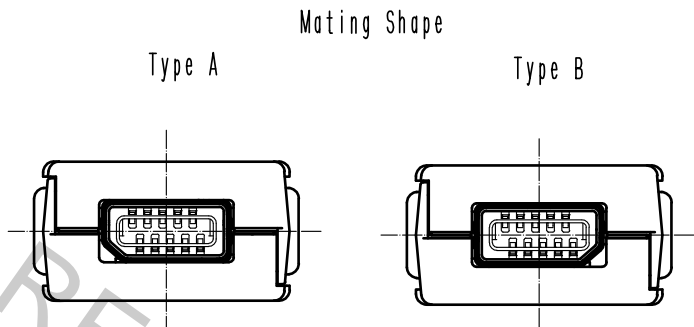
Contact No.	Signal	
	10/100 Mbit/s	1/10 Gbit/s
1	TX+	BI_DA+
2	TX-	BI_DA-
3	N. C	N. C
4	N. C	BI_DC+
5	N. C	BI_DC-
6	RX+	BI_DB+
7	RX-	BI_DB-
8	N. C	N. C
9	N. C	BI_DD+
10	N. C	BI_DD-

Notes. 1. 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.

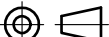



Applicable Cable	
Items	Applicable Condition
Conductor size	AWG # 28-22
Insulation O.D.	φ 1.55 mm MAX.
Braid Shield	Tin plating
Sheath O.D.	φ 6.3 -7.2 mm



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.

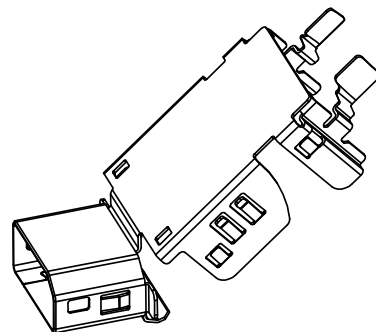


3 This product except plug unit is packed separately by the types of parts.  
Shield Shell is packed in pre-bended state. (See next page.)

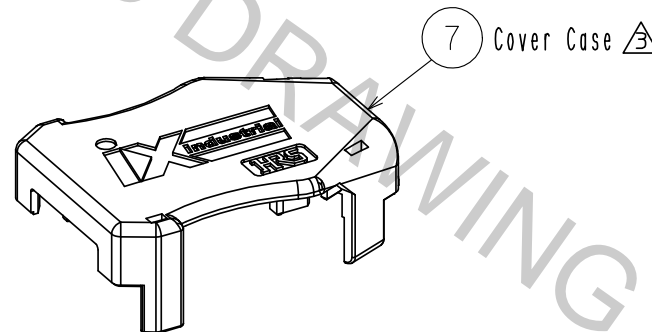
3	Stainless Steel			7	PC	Dark gray, UL94V-0		
2	PA	Black, UL94V-0		6	Stainless Steel	Nickel 0.2 μm min		
1	Copper Alloy	Contact area : Palladium-Nickel 0.75 μm min + Gold 0.05 μm min		5	Stainless Steel	Nickel 1μm min		
		Wiring area : Gold 0.03 μm min		4	PA	Black, UL94V-0		
		Under plating : Nickel 2 μm min						
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS		
UNITS mm			SCALE 2 : 1	COUNT  2	DESCRIPTION OF REVISIONS DIS-E-00001437	DESIGNED SG. CHAMURA	CHECKED KI. NAGANUMA	DATE 18.07.02
 HIROSE ELECTRIC CO., LTD.			APPROVED :RI. TAKAYASU	17.04.11	DRAWING NO. EDC-129431-01-00			
			CHECKED :KI. NAGANUMA	17.04.11	PART NO. IX40G-A-10S-CV(7.0)(01)			
			DESIGNED :TS. SAKAIZAWA	17.04.11	CODE NO. CL251-0022-0-01			
			DRAWN :TS. SAKAIZAWA	17.04.11	 1/2			

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In case that the application demands a high level of reliability, such as automotive,  
please contact a company representative for further information.

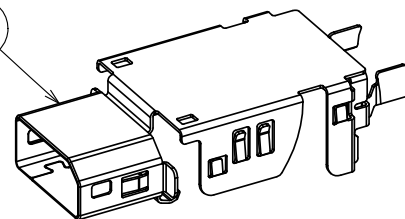
3 Shield Shell Delivery Form



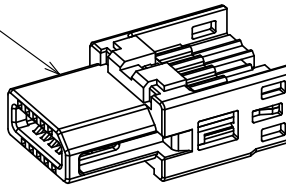
3 Product Structure



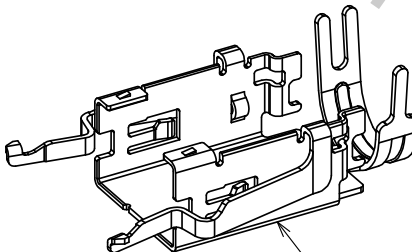
Shield Shell 6



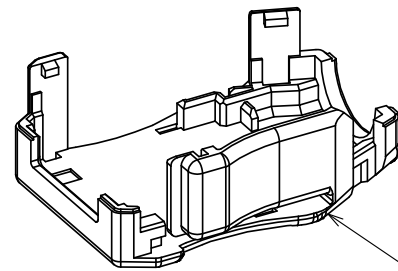
Plug Unit



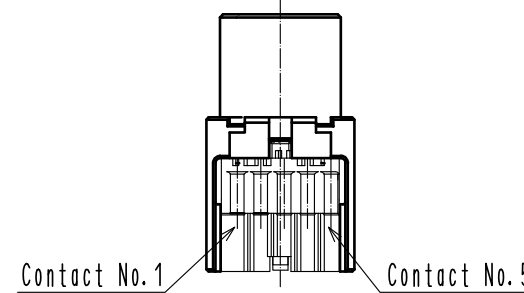
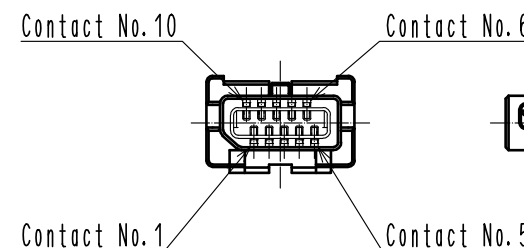
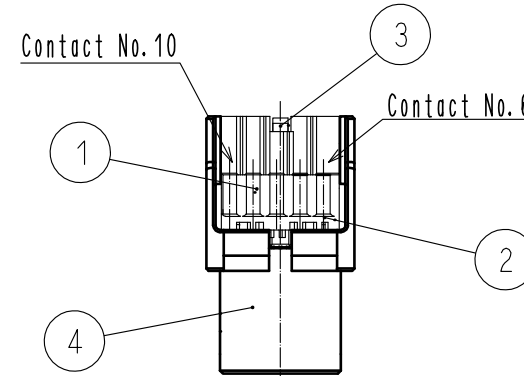
5 Shield Case



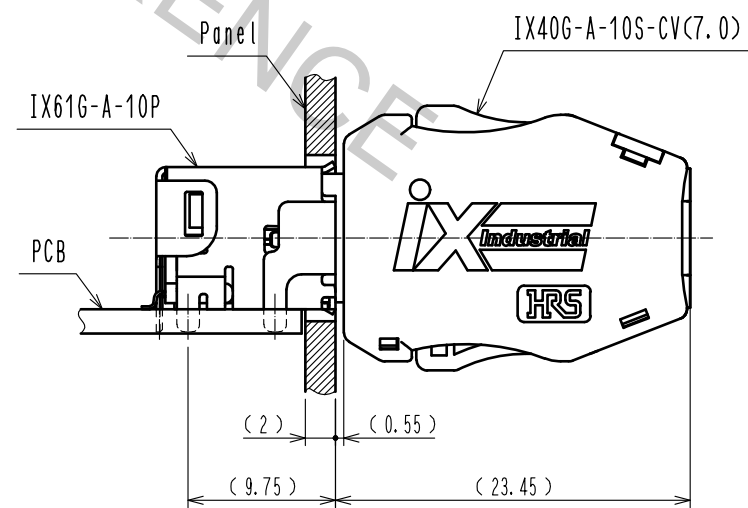
7 Cover Case 3



Plug Unit



Mating Condition



DRAWING NO.	EDC-129431-01-00
PART NO.	IX40G-A-10S-CV(7.0)(01)
CODE NO.	CL251-0022-0-01

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