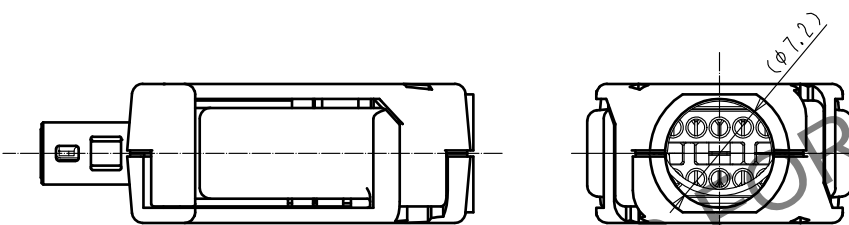
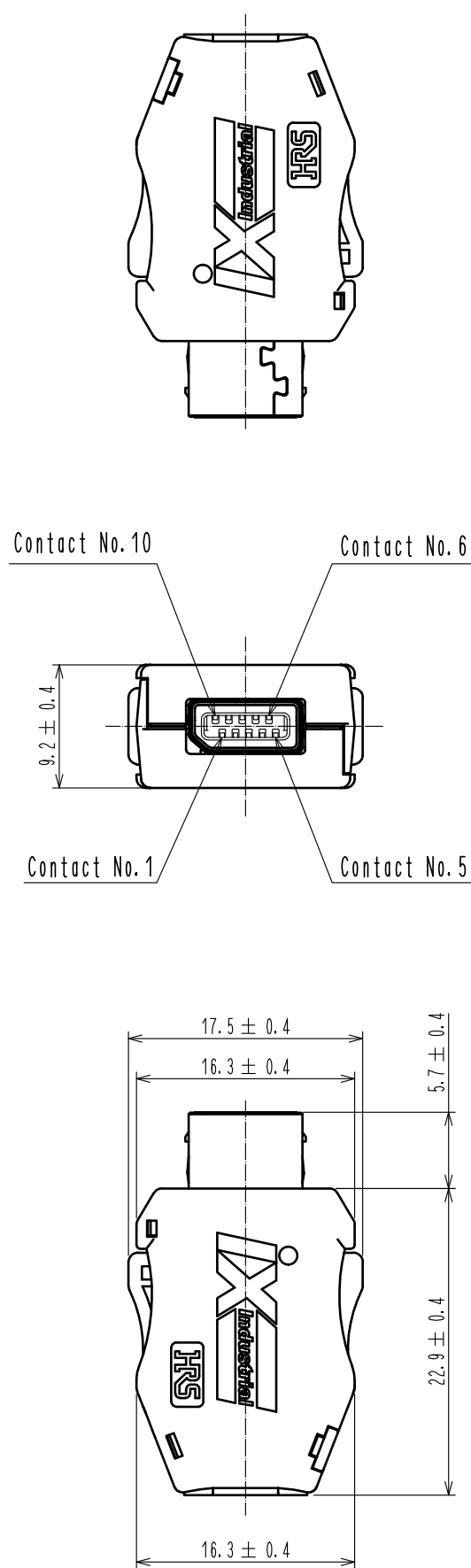


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A
B
C
D
E
F

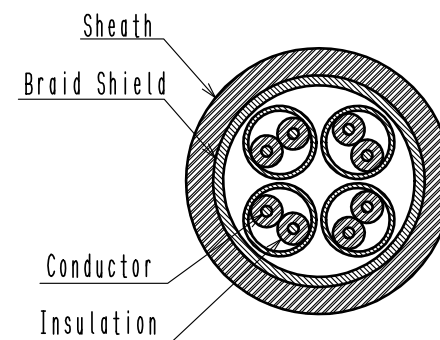


Pin Assignment For 10/100 Mbit/s And 1/10 Gbit/s Ethernet

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-E3164) for wiring and assembly procedures.

Recommended Cable	
Items	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

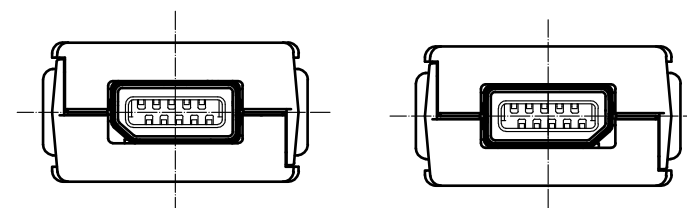


This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

Mating Key

Type A

Type B

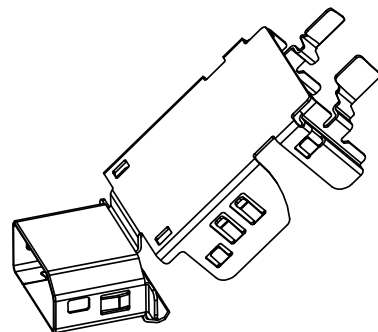


Excluding the plug unit, this product is packaged separately by the type of parts.
The shield shell is packaged prior to bending. (See next page.)

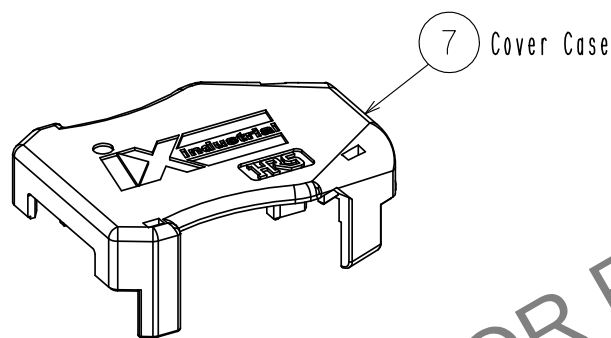
3	Stainless Steel		7	PC	Dark gray, UL94V-0
2	PA	Black, UL94V-0	6	Stainless Steel	Nickel 0.2 μm min
1	Copper Alloy	Contact area : Gold 0.2 μm min Wiring area : Gold 0.03 μm min Under plating : Nickel 2 μm min	5	Stainless Steel	Nickel 1 μm min
			4	PA	Black, UL94V-0
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 6	DESCRIPTION OF REVISIONS DIS-E-00006884	DESIGNED MT. YASUDA
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.	CL0251-0022-0-00
		DRAWN : TS. SAKAIZAWA	20170327		
					1/2

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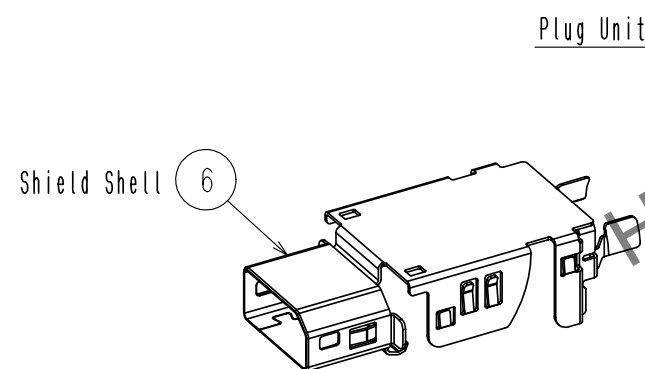
3 Shield Shell Delivery Form



3 Product Structure

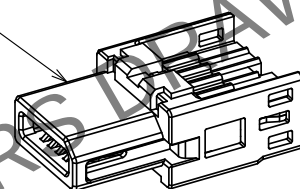


7 Cover Case

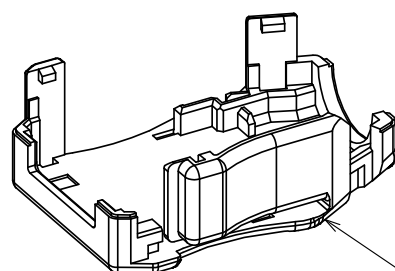


Shield Shell 6

Plug Unit

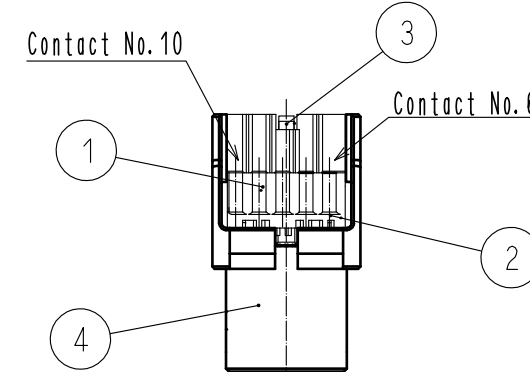


5 Shield Case



7 Cover Case

Plug Unit



Contact No.10

Contact No.6

1

2

4

Contact No.10

Contact No.6

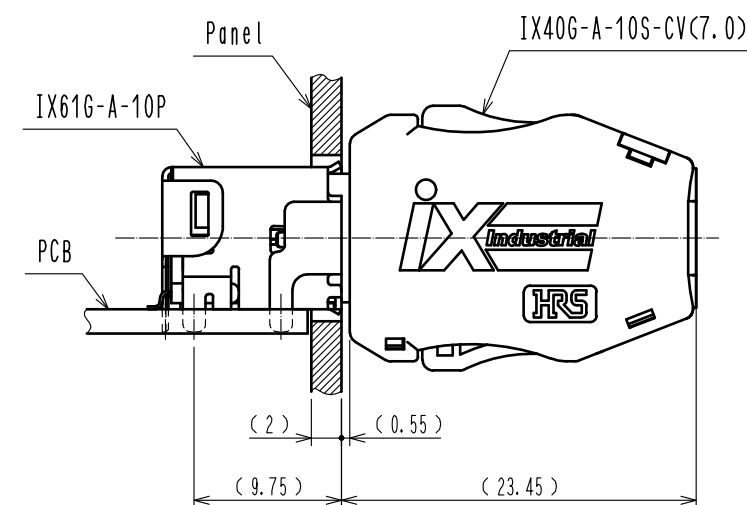
Contact No.1

Contact No.5

Contact No.1

Contact No.5

Mated Condition



HR

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

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