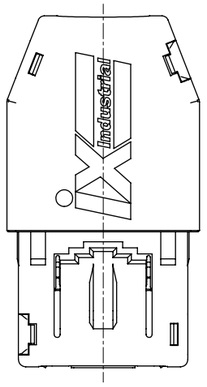
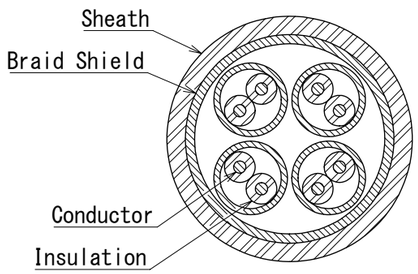
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

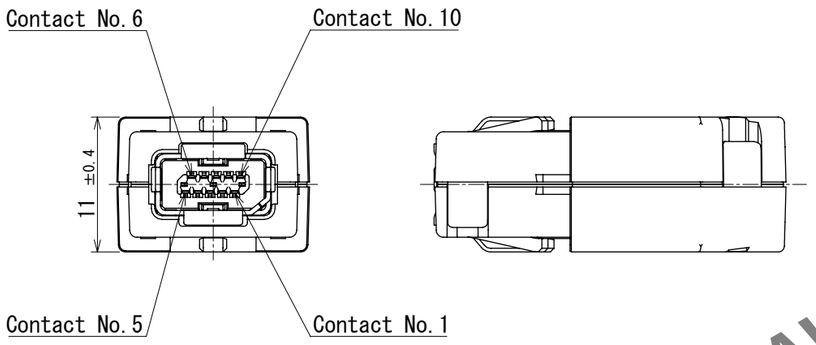


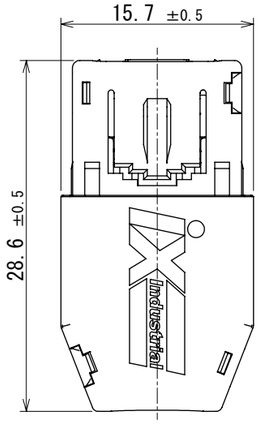
Notes. 1. Recommended cable condition is shown below.
A list of compatible cables is available on the Hirose website.
When using a non-recommended cable, please contact a Hirose sales representative.
Refer to the technical specification(ETAD-E3234-00) for wiring and assembly procedures.

Recommended Cable

Items	Recommended Condition
Conductor size	AWG # 28-22
Insulation O.D.	Φ1.55mm Max.
Braid Shield	Tin plating
Sheath O.D.	Φ6.3-7.2mm







HRS DRAWING FOR REFERENCE

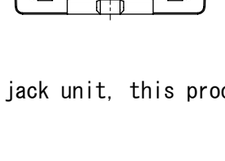
△3 〈2〉 Pin Assignment for 10/100 Mbit/s and 1/10 Gbit/s Ethetnet

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

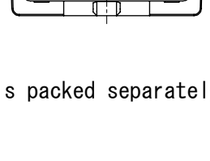
〈2〉 This product(Type A) is defined for 10/100 Mbit/s and 1/10Gbit/s Ethernet communicaton. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication sysetems.

Mating Key

Type A



Type B



△3 〈3〉 Excluding the jack unit, this product is packed separately by the types of parts.

NO.	MATERIAL	FINISH , REMARKS
3	PA	Black、UL94V-0
2	PA	Black、UL94V-0
1	Copper Alloy	Contact area : Gold 0.2μm min Wiring area : Gold 0.03μm min Under plating : Nickel 2μm min

NO.	MATERIAL	FINISH , REMARKS
8	PC	Dark gray、UL94V-0
7	Stainless Steel	Nickel 1μm min
6	Stainless Steel	Nickel 1μm min
5	Stainless Steel	Nickel 0.2μm min
4	Stainless Steel	

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2:1	△3	2	DIS-E-00011741	SN.TOYOSHIMA	KI.KAGOTANI	2022.11.22

HIROSE ELECTRIC CO.,LTD.

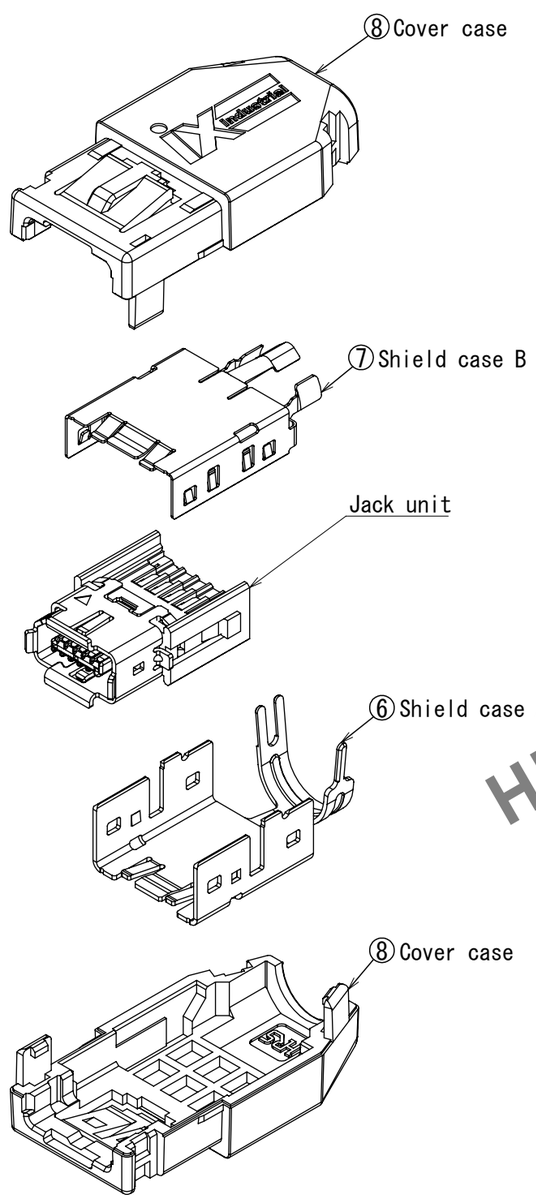
APPROVED	MN.KENJO	2021.08.17
CHECKED	KI.KAGOTANI	2021.08.17
DESIGNED	TS.ITO	2021.08.12
DRAWN	TS.ITO	2021.08.12

DRAWING NO.	EDC-395607-00-00
PART NO.	IX40G-A-10P-JC(7.0)
CODE NO.	CL0251-0109-0-00

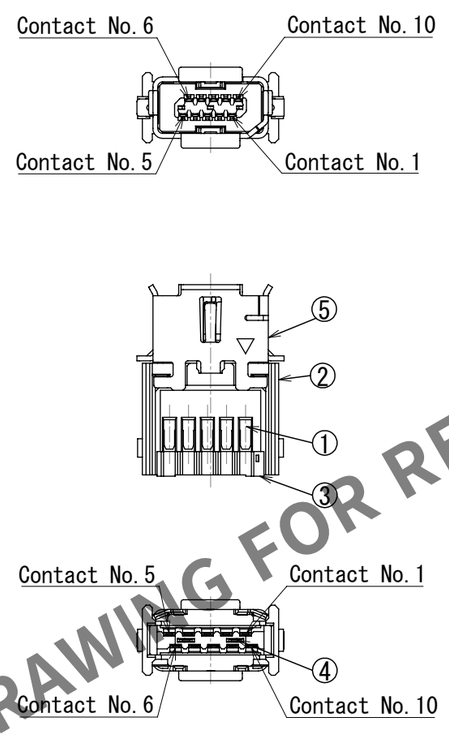
△3 1/2

Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

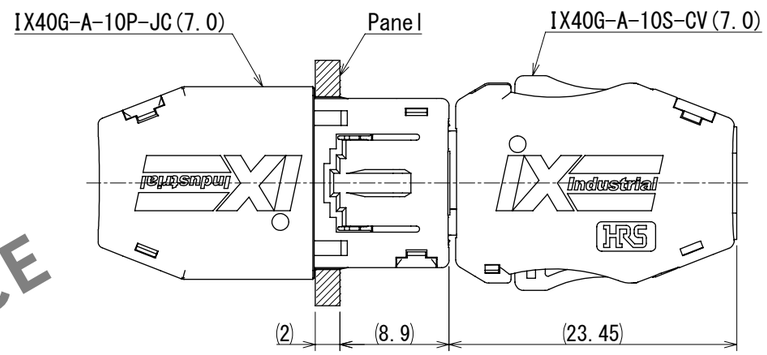
3 Product structure



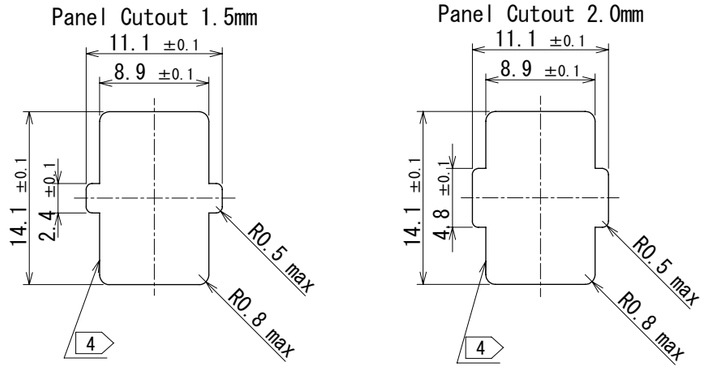
Jack unit



Mated Condition



Reference Dimentions of Panel Cutout



4 To prevent shaving, please add a chamber of 0.1 on the periphery as shown in the above figure with the bold line.
The number of insertions to the panel is up to 10 times.

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-395607-00-00
	PART NO.	IX40G-A-10P-JC(7.0)
	CODE NO.	CL0251-0109-0-00 △3 2/2

FORM HC0011-28

3D Model File Name:ADC-395607