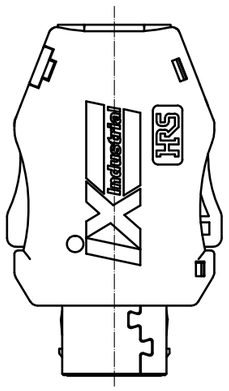
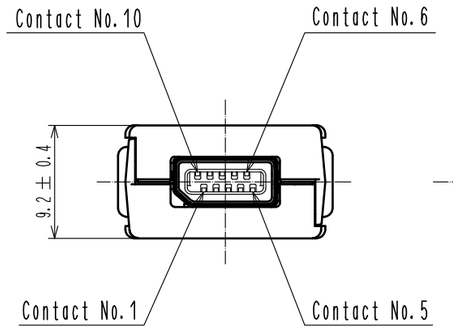
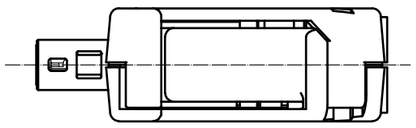
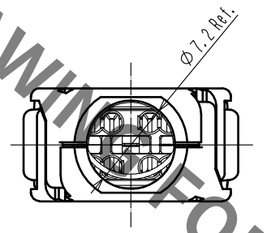
Oct.1.2022 Copyright 2022 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

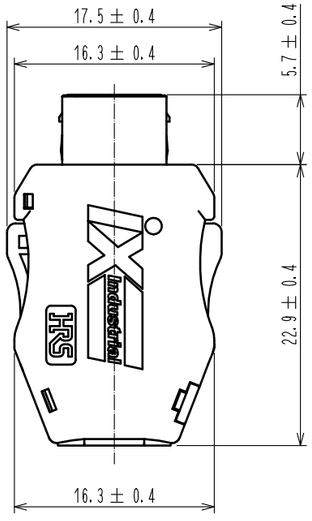
HRS DRAWING FOR REFERENCE









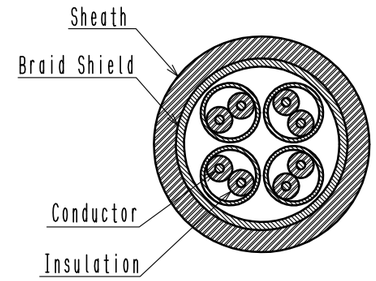


Notes. 1. Recommended cable condition is shown below.
△3 A list of compatible cables is available on the Hirose website.
When using a non-recommended cable, please contact a Hirose sales representative.
Refer to the technical specification (ETAD-E3162) for wiring and assembly procedures.
Tool HT803/IXG-8/10S-63-72 is used for cable assembly of IX32G.

△3 Recommended Cable

△3

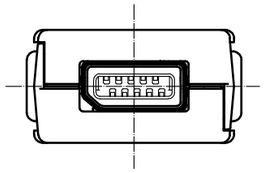
Items		Recommended Condition
Conductor	Size	AWG#22
	Composition	7 stranded
	Material	Annealed copper wire
Insulation O.D.		ϕ1.4 to 1.6mm
Braid Shield		Tin plating
Sheath O.D.		ϕ6.3 to 7.2mm



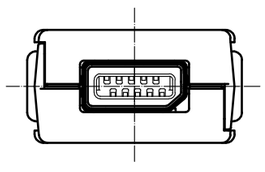
▽2△ This product (Type A) is defined for 10/100 Mbit/s and 1/10 Gbit/s Ethernet communication. Please use Type B for all other non Ethernet applications like signaling, serial or other industrial bus communication systems.

△3 Mating Key

Type A



Type B



△3▽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.)

4. Cable assembly is possible up to 8pos.
Contact No. 3 and 8 do not have a hole to pass the cable through the IDC guide.

▽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-

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	Stainless Steel		8	PC	Dark gray、UL94V-0
2	PA	Dark gray、UL94V-0	7	Stainless Steel	Nickel 0.2 μm min
1	Copper Alloy	Contact area : Palladium-Nickel 0.75 μm min + Gold 0.05 μm min Wiring area : Gold 0.03 μm min Under plating : Nickel 2 μm min	6	Stainless Steel	Nickel 1μm min
			5	PC	Clear blue、UL94V-0
			4	PA	Black、UL94V-0

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△3	6	DIS-E-00006883	MT. YASUDA	KI. KAGOTANI	20211025

HIROSE ELECTRIC CO., LTD.

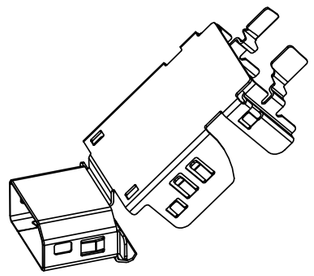
APPROVED	RI. TAKAYASU	20180730
CHECKED	KI. NAGANUMA	20180727
DESIGNED	JY. IGA	20180727
DRAWN	JY. IGA	20180727

DRAWING NO. EDC-129795-01-00
PART NO. IX32G-A-8S-CV(7.0)(01)
CODE NO. CL0251-0042-0-01
△3 1/2

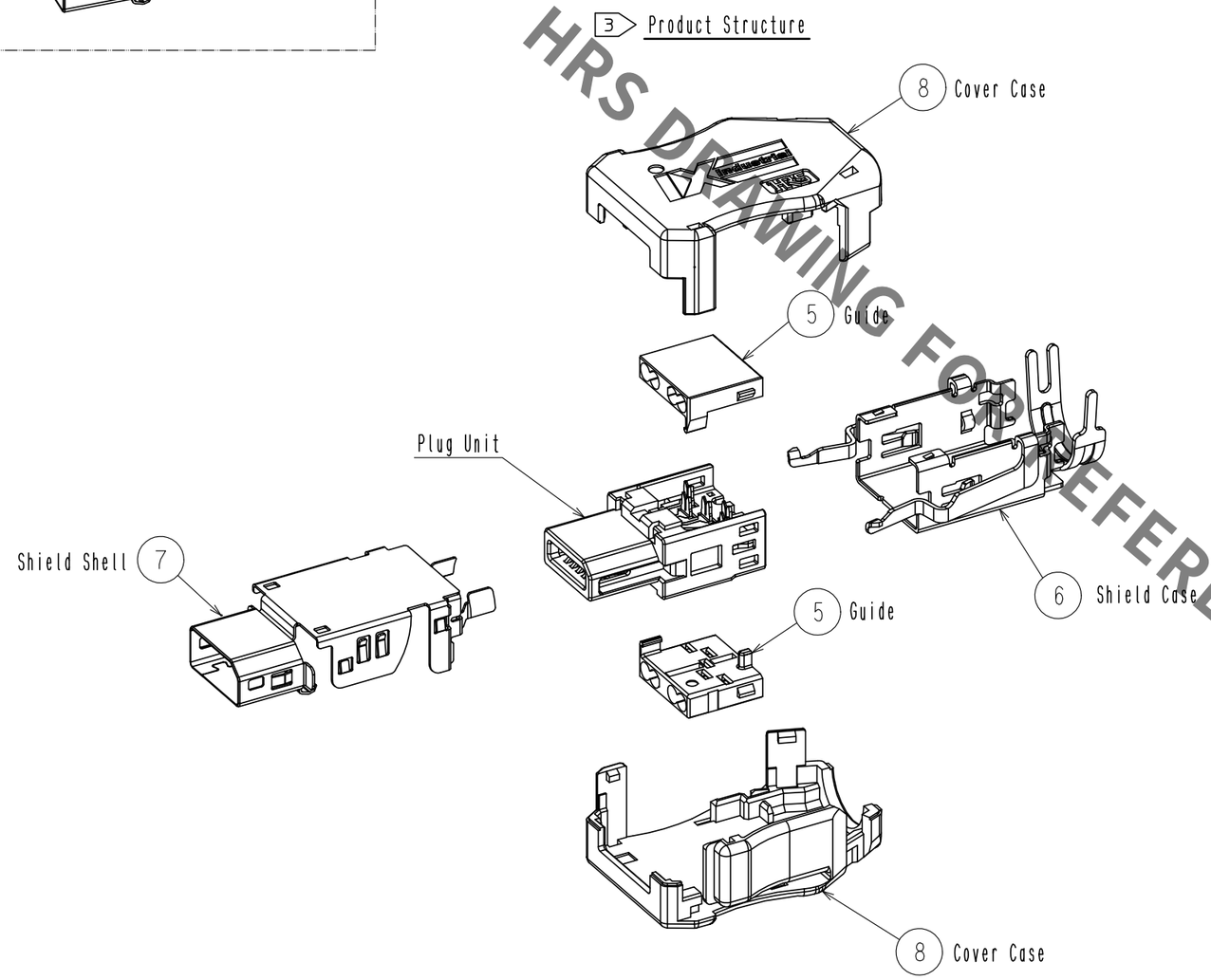
Oct.1.2022 Copyright 2022 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

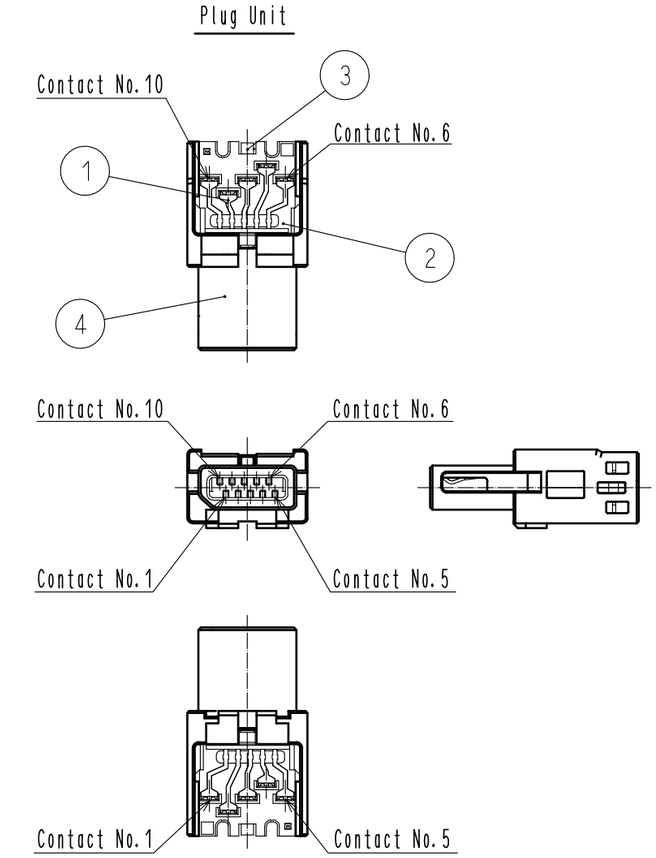
3 Shield Shell Delivery Form



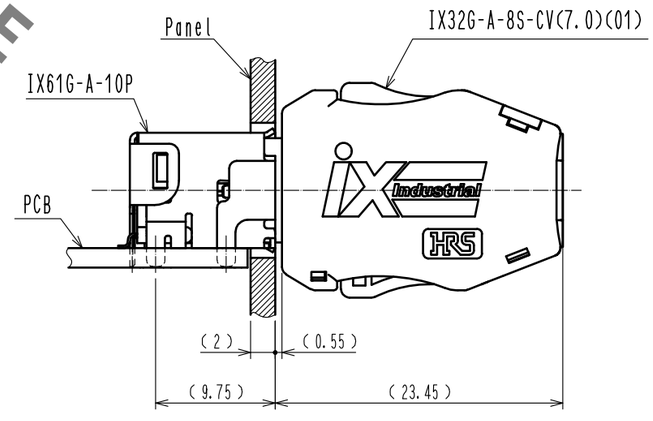
3 Product Structure



Plug Unit



3 Mated Condition



DRAWING NO.	EDC-129795-01-00
PART NO.	IX32G-A-8S-CV(7.0)(01)
CODE NO.	CL0251-0042-0-01

3 2/2