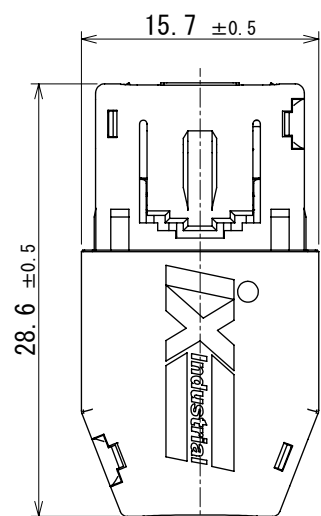
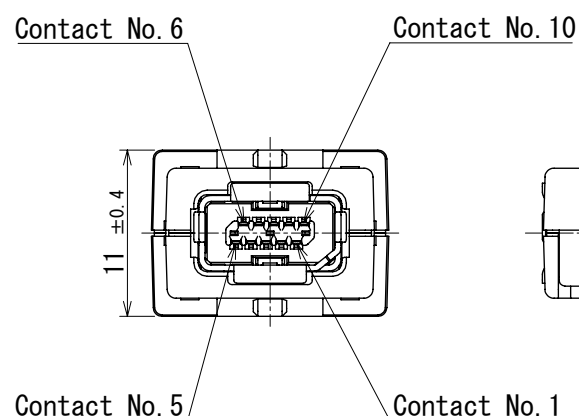
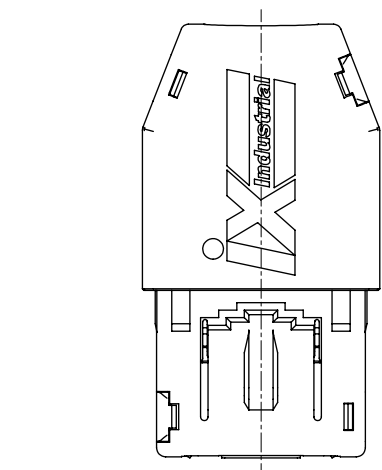


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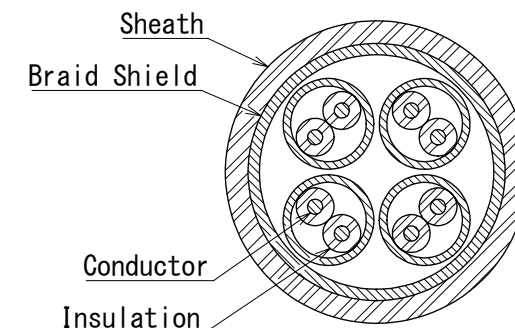
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Notes. 1. Recommended cable condition is shown below.
A list of compatible cables is available on the Hirose website.
When using a non-recommended cable, please contact a Hirose sales representative.
Refer to the technical specification(ETAD-E3234-00)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

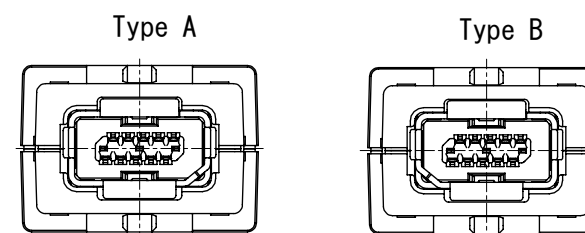
Recommended Cable

| 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 |



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

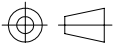




Mating Key



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

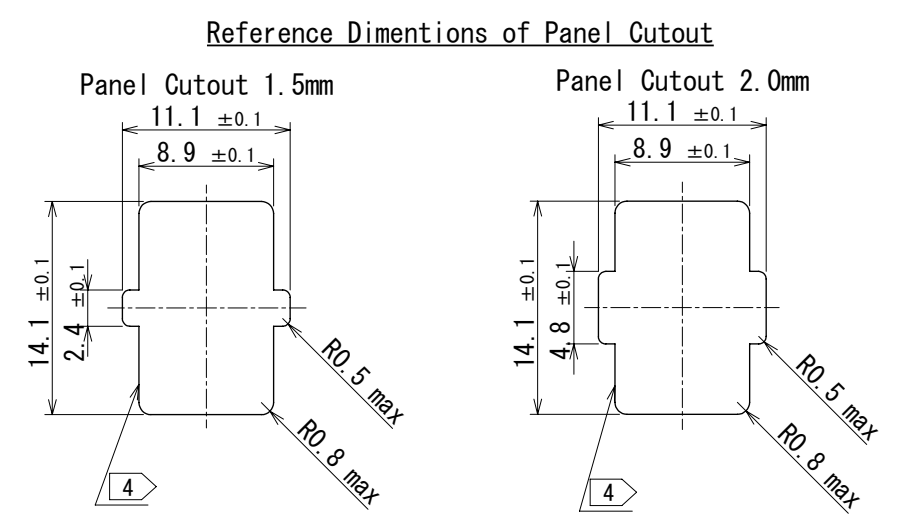
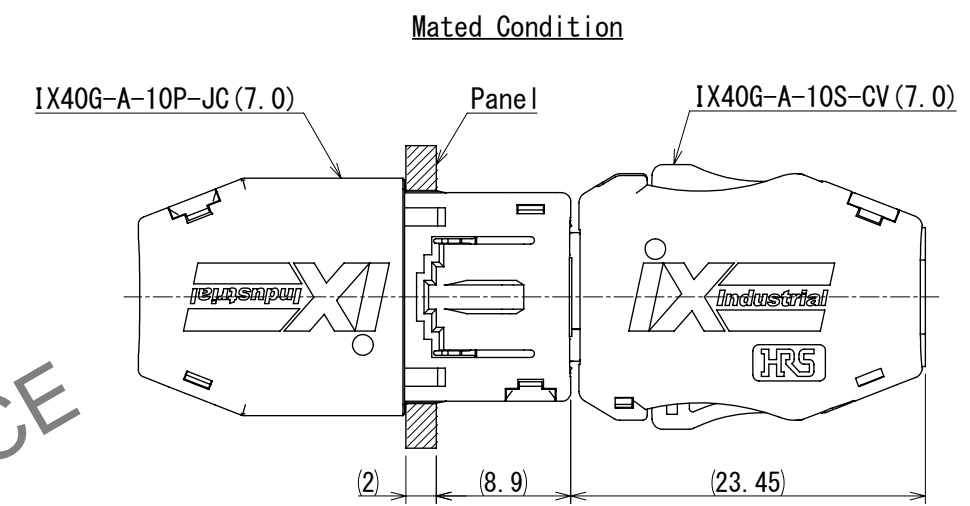
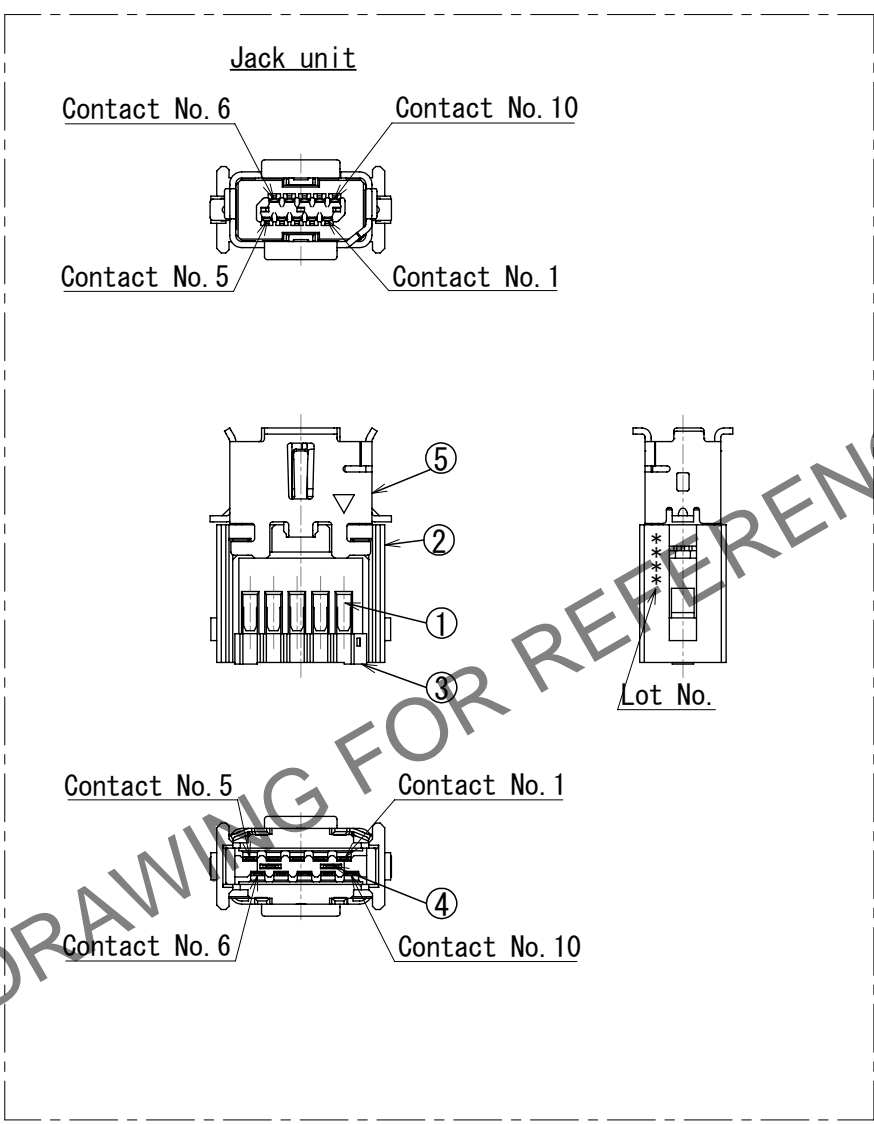
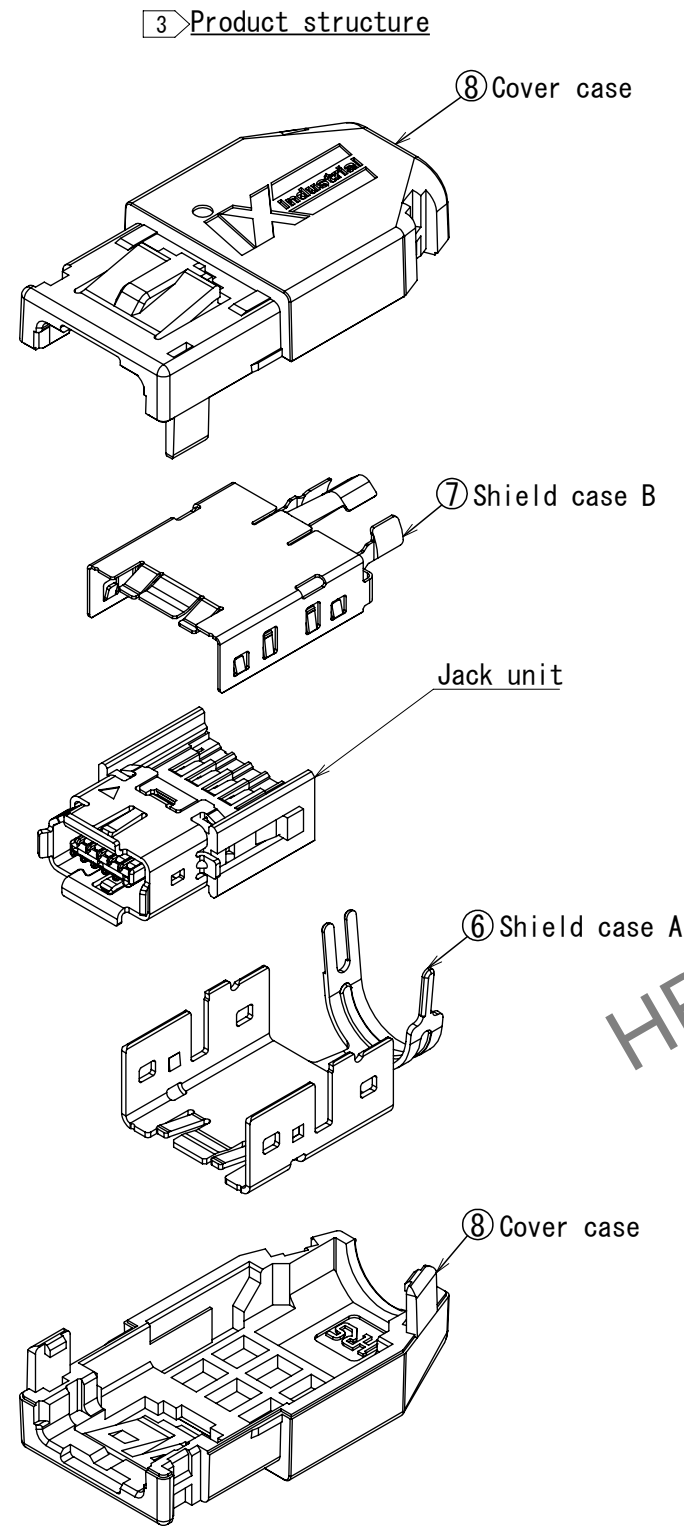
3 2 Pin Assignment for 10/100 Mbit/s and 1/10 Gbit/s Ethetnet

| 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- |

| | | | | | | | | |
|---|--------------|--|--------------|--|--|---|-------------------------|---------------------|
| | | | 8 | PC | Dark gray、UL94V-0 | | | |
| 3 | PA | Black、UL94V-0 | 7 | Stainless Steel | Nickel 1μm min | | | |
| 2 | PA | Black、UL94V-0 | 6 | Stainless Steel | Nickel 1μm min | | | |
| 1 | Copper Alloy | Contact area : Gold 0.2μm min Wiring area : Gold 0.03μm min Under plating : Nickel 2μm min | 5 | Stainless Steel | Nickel 0.2μm min | | | |
| | | | 4 | Stainless Steel | | | | |
| NO. | MATERIAL | FINISH , REMARKS | NO. | MATERIAL | FINISH , REMARKS | | | |
| UNITS mm | |  | SCALE 2:1 |  COUNT 2 | DESCRIPTION OF REVISIONS DIS-E-00011741 | DESIGNED SN. TOYOSHIMA | CHECKED KI. KAGOTANI | DATE 2022. 11. 1 |
|  HIROSE ELECTRIC CO., LTD. | | APPROVED : MN. KENJO | | 2021. 08. 17 | | DRAWING NO. EDC-395607-00-00 | | |
| | | CHECKED : KI. KAGOTANI | | 2021. 08. 17 | | PART NO. 1X40G-A-10P-JC (7. 0) | | |
| | | DESIGNED : TS. ITO | | 2021. 08. 12 | | CODE NO. CL0251-0109-0-00 | | |
| | | DRAWN : TS. ITO | | 2021. 08. 12 | |   | | |

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B
C
D
E
F

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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.