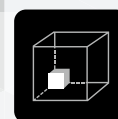


GT21 Series

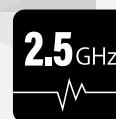
# Compact Coaxial Cable Connector for Automotive Antenna



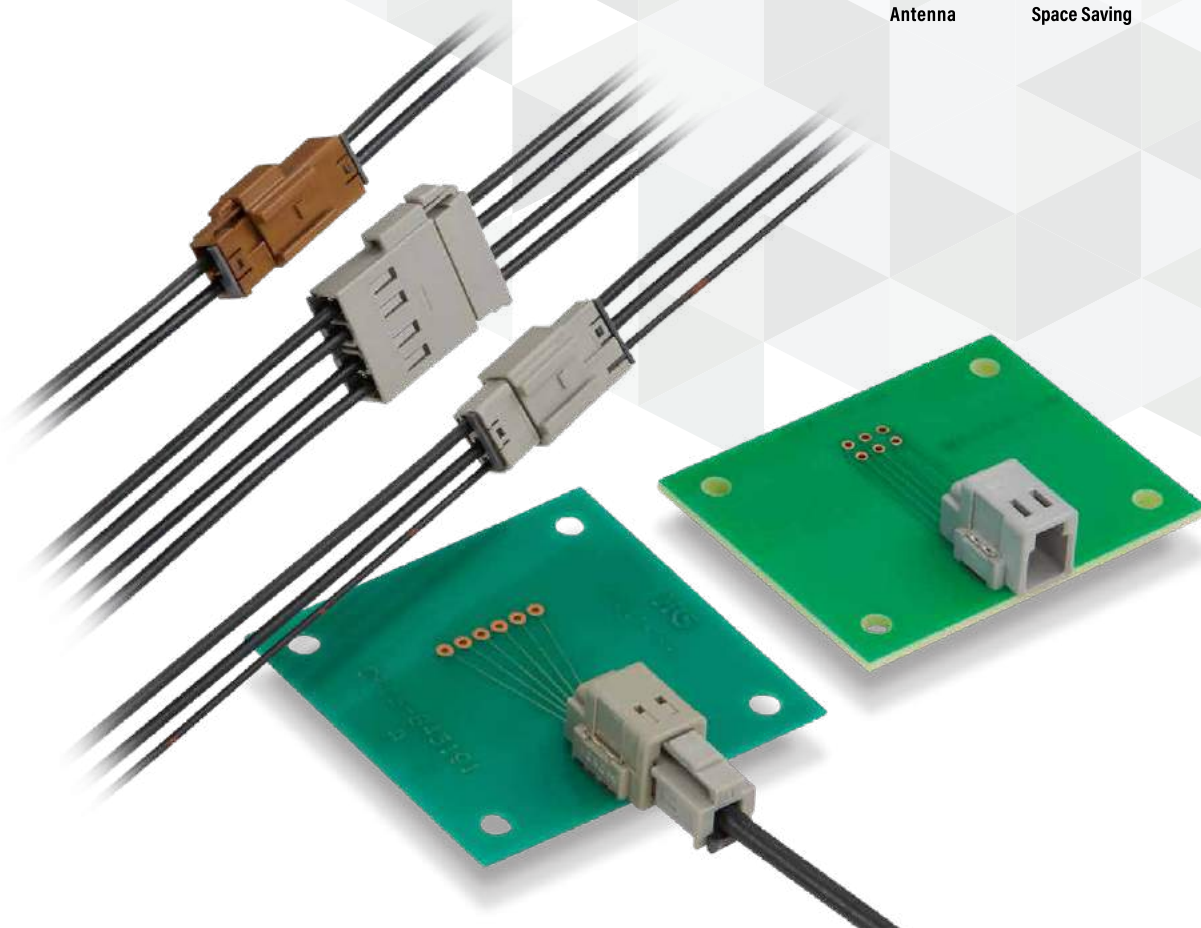
Antenna



Space Saving

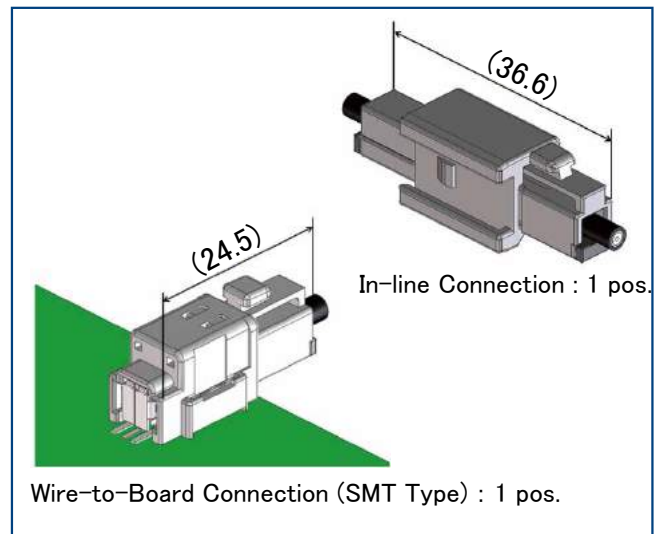


2.5 GHz



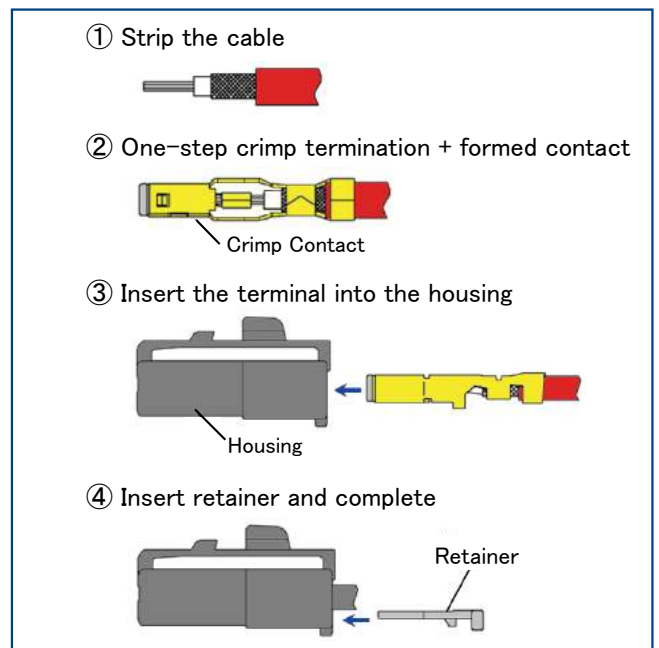
## Features

### 1. Compact Space-Saving Design



### 2. One-Step Crimping for Both Internal & External Conductors

The cable assembly process avoids any contact with the internal conductor, ensuring consistent conductor positioning regardless of the operator's experience. This method not only contributes to stable cable assembly quality but also significantly shortens the harnessing time.



### 3. Superior High-Frequency Performance

V.S.W.R. is less than 1.5 at 0 to 2.5GHz.

### 4. Diverse Options Available

- Coaxial Line : 1 to 4 pos.
- Supports both wire-to-board and in-line connections.
- Hybrid power supply line type also offered.
- Design includes mating key to prevent incorrect insertion.
- Applicable Cables : 0.8D, 1.5C, 1.5D, RG174, etc.

## Application

Terrestrial Digital TV, Radio, Automotive Sensors (Temperature, Pressure ···, etc.), VICS, GPS, Bluetooth, TEL, Satellite Radio, etc.

## Product Specifications

|               |                           |                                |               |
|---------------|---------------------------|--------------------------------|---------------|
| Rated Current | Signal : 1A<br>Power : 3A | Operating Temperature (Note 1) | -40 to +105°C |
| Rated Voltage | 250V DC                   |                                |               |

| Item                  | Specification                   | Conditions                        |
|-----------------------|---------------------------------|-----------------------------------|
| Contact Resistance    | 30m Ω Max.                      | Measured at 1A DC                 |
| Insulation Resistance | 100M Ω Min.                     | Measured at 500V DC               |
| Withstanding Voltage  | No insulation breakdown         | 500V AC for 1 min.                |
| Mating Durability     | Contact Resistance : 60m Ω Max. | 30 times insertion and extraction |

Note 1 : Includes temperature rise due to current flow.

Note 2 : After environmental and endurance tests, the contact resistance of the outer conductor is 120m Ω Max.

## Materials / Finish

| Product             | Part                    | Material               | Color / Finish                        |
|---------------------|-------------------------|------------------------|---------------------------------------|
| Receptacle          | Insulator               | PPS, PA                | Light Gray, Brown, Green, Blue, Black |
|                     | Center Terminal         | Copper Alloy           | Tin Plating                           |
|                     | External Terminal       | Copper Alloy           | Tin Plating                           |
|                     | Retention Tab           | Copper Alloy           | Tin Plating                           |
| Plug                | Housing                 | PBT                    | Light Gray, Brown, Green, Blue, Black |
| Jack (In-line Type) | Housing                 | PBT                    | Light Gray, Brown, Green, Blue, Black |
| Retainer            |                         | PBT                    | Dark Gray                             |
| Coaxial Terminal    | Insulator               | PPS, PBT               | Black                                 |
|                     | Center Terminal         | Phosphor Bronze, Brass | Tin Plating                           |
|                     | Outer Cylinder Terminal | Brass                  | Tin Plating                           |
| Power Terminal      |                         | Copper Alloy, Brass    | Tin Plating                           |

## Product Number Structure

Refer to the chart below when determining the product specifications from the product number.  
Please select from the product numbers listed in this catalog when placing orders.

### Connector

**GT21 - 1 P - DS (A)**

1 2 3 4 5

### Coaxial Terminal

**GT21 - 2428 / 1.6 - 2.9 SCF**

1 6 7 8 9

### Power Terminal

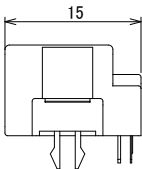
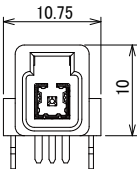
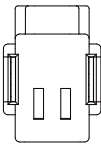
**GT7 - 2022 SCF**

1 6 9

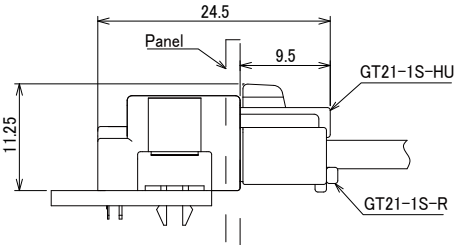
|                  |                                                                                                                                                          |                                                        |                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 1 Series Name    | GT21<br>GT7                                                                                                                                              | 6 Applicable Cable :<br>Core Wire Size                 | 30 : 30 AWG<br>2428 : 24 to 28 AWG<br>2426 : 24 to 26 AWG<br>2022 : 20 to 22 AWG                         |
| 2 No. of Pos.    | Coaxial : 1, 2, 3, 4 pos.<br>1/1 : Coaxial 1 pos. + Power 1 pos.<br>2/1 : Coaxial 2 pos. + Power 1 pos.<br>4D/1 : Coaxial 4 pos. (2 rows) + Power 1 pos. | 7 Applicable Cable :<br>Insulation Outer Diameter      | 0.7 : Approximately $\phi$ 0.7mm<br>1.1 : Approximately $\phi$ 1.1mm<br>1.6 : Approximately $\phi$ 1.6mm |
| 3 Connector Type | P : Receptacle<br>S : Plug<br>PP : Jack (In-line Type)                                                                                                   | 8 Applicable Cable :<br>Cable Jacket<br>Outer Diameter | 1.5 : Approximately $\phi$ 1.5mm<br>2.2 : Approximately $\phi$ 2.2mm<br>2.9 : Approximately $\phi$ 2.9mm |
| 4 Part Type      | DS : Right Angle THT<br>H : Right Angle SMT<br>HU : Housing<br>R : Retainer                                                                              | 9 Contact Shape                                        | SCF : Female Contact<br>PCF : Male Contact                                                               |
| 5 Mating Key     | None : Standard, A, B, C                                                                                                                                 |                                                        |                                                                                                          |

Coaxial 1 pos.

Receptacle / THT Type

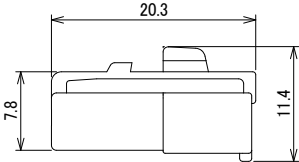
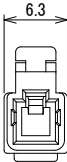
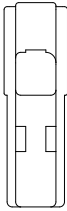


Mating Dimensions Diagram



| Part No.      | HRS No.          | Color      | Mating Key | Purchase Unit   |
|---------------|------------------|------------|------------|-----------------|
| GT21-1P-DS    | CL0771-0007-4-00 | Light Gray | Standard   | 120pcs per tray |
| GT21-1P-DS(A) | CL0771-0020-2-00 | Brown      | A Key      |                 |
| GT21-1P-DS(B) | CL0771-0021-5-00 | Green      | B Key      |                 |
| GT21-1P-DS(C) | CL0771-0022-8-00 | Blue       | C Key      |                 |

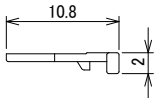
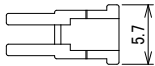
Plug



| Part No.      | HRS No.          | Color      | Mating Key | Purchase Unit  |
|---------------|------------------|------------|------------|----------------|
| GT21-1S-HU    | CL0771-0005-9-00 | Light Gray | Standard   | 100pcs per bag |
| GT21-1S-HU(A) | CL0771-0031-9-00 | Brown      | A Key      |                |
| GT21-1S-HU(B) | CL0771-0032-1-00 | Green      | B Key      |                |
| GT21-1S-HU(C) | CL0771-0033-4-00 | Blue       | C Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 2 : Use with the retainer (GT21-1S-R), sold separately.

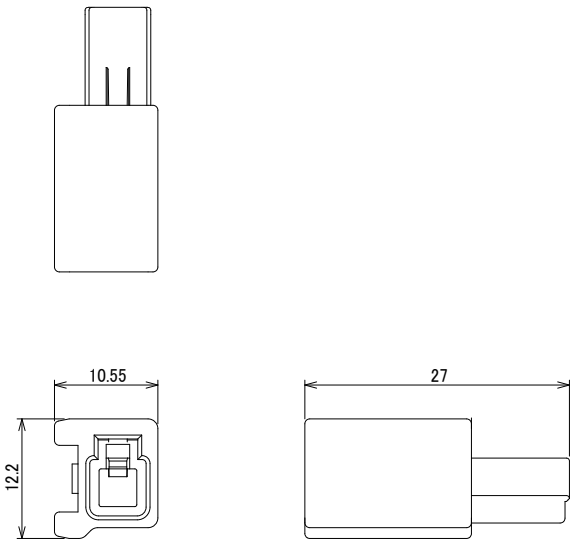
Retainer



| Part No.  | HRS No.          | Color     | Purchase Unit  |
|-----------|------------------|-----------|----------------|
| GT21-1S-R | CL0771-0006-1-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21-1S-HU(#)), sold separately.

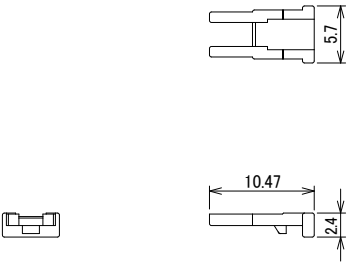
In-line Jack (Bracket N Type)



| Part No.        | HRS No.          | Color      | Mating Key | Purchase Unit  |
|-----------------|------------------|------------|------------|----------------|
| GT21N-1PP-HU    | CL0771-0015-2-00 | Light Gray | Standard   | 100pcs per bag |
| GT21N-1PP-HU(A) | CL0771-0042-0-00 | Brown      | A Key      |                |
| GT21N-1PP-HU(B) | CL0771-0043-0-00 | Green      | B Key      |                |
| GT21N-1PP-HU(C) | CL0771-0050-0-00 | Blue       | C Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/0.7-1.5PCF, GT21-30/1.6-2.9PCF, GT21-30/1.6-2.9PCF(ID), GT21-2428/1.6-2.9PCF, GT21B-2426/1.6-2.9PCF.  
Note 2 : Use with the retainer (GT21-1P-R), sold separately.

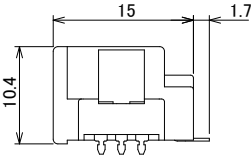
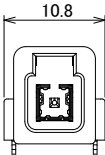
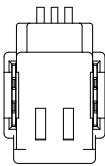
Retainer



| Part No.  | HRS No.          | Color     | Purchase Unit  |
|-----------|------------------|-----------|----------------|
| GT21-1P-R | CL0771-0016-5-00 | Dark Gray | 100pcs per bag |

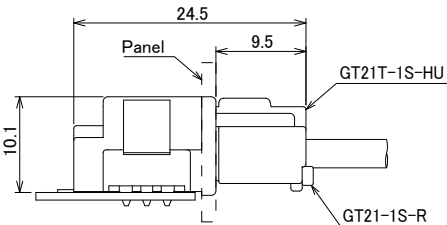
Note : Attach to the in-line jack (GT21N-1PP-HU(#)), sold separately.

Receptacle / SMT+THR (Through Hole Reflow) Type



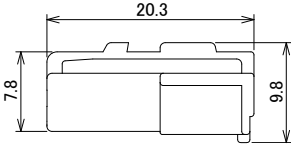
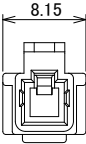
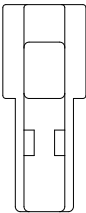
(Example of product appearance.)

Mating Dimensions Diagram



| Part No.          | HRS No.          | Color      | Mating Key | Purchase Unit   |
|-------------------|------------------|------------|------------|-----------------|
| GT21T-1P-H(55)    | CL0771-0014-0-55 | Light Gray | Standard   | 400pcs per reel |
| GT21T-1P-H(C)(55) | CL0771-0067-6-55 | Blue       | C Key      |                 |

Plug

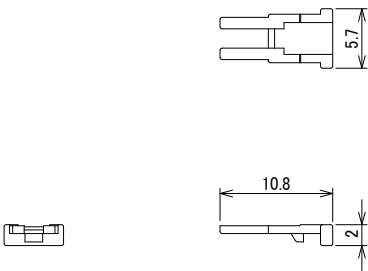


(Example of product appearance.)

| Part No.      | HRS No.          | Color      | Mating Key | Purchase Unit  |
|---------------|------------------|------------|------------|----------------|
| GT21T-1S-HU   | CL0771-0018-0-00 | Light Gray | Standard   | 100pcs per bag |
| GT21-1S-HU(C) | CL0771-0033-4-00 | Blue       | C Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 2 : Use with the retainer (GT21-1S-R), sold separately.

Retainer

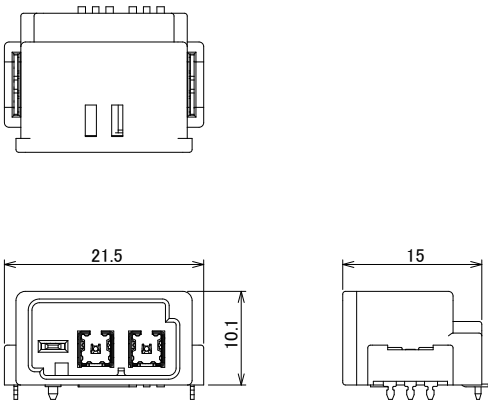


| Part No.  | HRS No.          | Color     | Purchase Unit  |
|-----------|------------------|-----------|----------------|
| GT21-1S-R | CL0771-0006-1-00 | Dark Gray | 100pcs per bag |

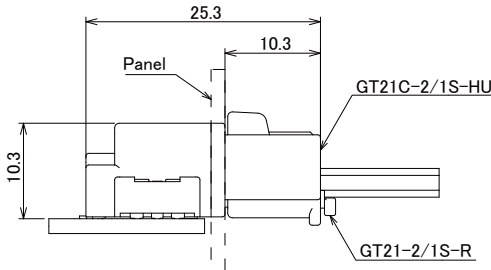
Note : Attach to the plug (GT21T-1S-HU, GT21-1S-HU(C)), sold separately.

Coaxial 2 pos. + Power 1 pos.

Receptacle / SMT+THR (Through Hole Reflow) Type

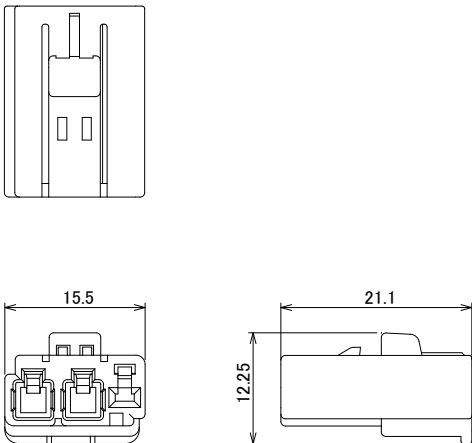


Mating Dimensions Diagram



| Part No.    | HRS No.          | Color | Mating Key | Purchase Unit   |
|-------------|------------------|-------|------------|-----------------|
| GT21-2/1P-H | CL0771-0086-0-00 | Black | Standard   | 250pcs per reel |

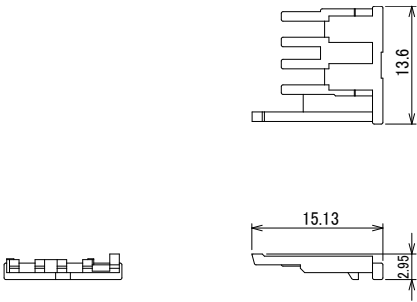
Plug



| Part No.      | HRS No.          | Color | Mating Key | Purchase Unit  |
|---------------|------------------|-------|------------|----------------|
| GT21C-2/1S-HU | CL0771-0100-0-00 | Black | Standard   | 100pcs per bag |

Note 1 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 2 : Compatible power terminal is GT7-2022SCF(70), GT7A-2022SCF(70).  
Note 3 : Use with the retainer (GT21-2/1S-R), sold separately.

Retainer

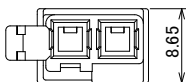
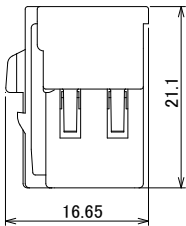


| Part No.    | HRS No.          | Color     | Purchase Unit  |
|-------------|------------------|-----------|----------------|
| GT21-2/1S-R | CL0771-0059-8-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21C-2/1S-HU), sold separately.

Coaxial 2 pos. [GT21A In-line Connection]

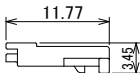
Plug



| Part No.       | HRS No.          | Color      | Mating Key | Purchase Unit  |
|----------------|------------------|------------|------------|----------------|
| GT21A-2S-HU    | CL0771-0044-0-00 | Light Gray | Standard   | 100pcs per bag |
| GT21A-2S-HU(A) | CL0771-0048-1-00 | Brown      | A Key      |                |
| GT21A-2S-HU(B) | CL0771-0068-9-00 | Green      | B Key      |                |

Note 1 : The maximum cable diameter is Signal No. 1 :  $\phi$  5.2 and Signal No.2 :  $\phi$  3.1.  
Note 2 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 3 : Use with the retainer (GT21A-2S-R), sold separately.

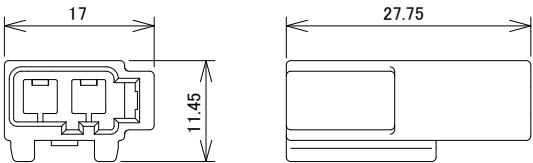
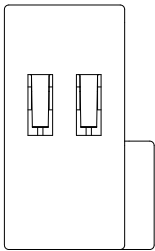
Retainer



| Part No.   | HRS No.          | Color     | Purchase Unit  |
|------------|------------------|-----------|----------------|
| GT21A-2S-R | CL0771-0046-6-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21A-2S-HU(#)), sold separately.

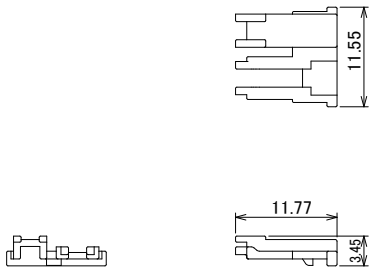
### In-line Jack (Bracket N Type)



| Part No.         | HRS No.          | Color      | Mating Key | Purchase Unit  |
|------------------|------------------|------------|------------|----------------|
| GT21AN-2PP-HU    | CL0771-0045-3-00 | Light Gray | Standard   | 100pcs per bag |
| GT21AN-2PP-HU(A) | CL0771-0049-4-00 | Brown      | A Key      |                |
| GT21AN-2PP-HU(B) | CL0771-0069-1-00 | Green      | B Key      |                |

Note 1 : The maximum cable diameter is Signal No. 1 :  $\phi$  5.2 and Signal NO.2 :  $\phi$  3.1.  
Note 2 : Compatible coaxial terminal is GT21-30/0.7-1.5PCF, GT21-30/1.6-2.9PCF, GT21-30/1.6-2.9PCF(ID), GT21-2428/1.6-2.9PCF, GT21B-2426/1.6-2.9PCF.  
Note 3 : Use with the retainer (GT21A-2P-R), sold separately.

### Retainer

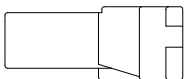
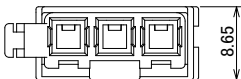
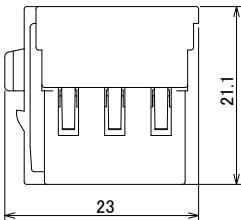


| Part No.   | HRS No.          | Color     | Purchase Unit  |
|------------|------------------|-----------|----------------|
| GT21A-2P-R | CL0771-0047-9-00 | Dark Gray | 100pcs per bag |

Note : Attach to the in-line jack (GT21AN-2PP-HU(#)), sold separately.

Coaxial 3 pos. [GT21A In-line Connection]

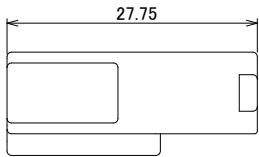
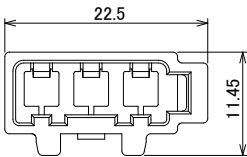
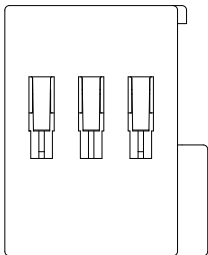
Plug



| Part No.    | HRS No.          | Color      | Mating Key | Purchase Unit  |
|-------------|------------------|------------|------------|----------------|
| GT21A-3S-HU | CL0771-0036-2-00 | Light Gray | Standard   | 100pcs per bag |

Note 1 : The maximum cable diameter is Signal No. 1 :  $\phi$  5.2, Signal No. 2 :  $\phi$  3.1, and Signal No. 3 :  $\phi$  5.2.  
Note 2 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 3 : Use with the retainer (GT21A-3P/S-R), sold separately.

In-line Jack (Bracket N Type)

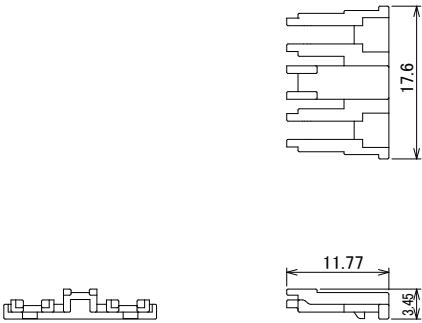


| Part No.      | HRS No.          | Color      | Mating Key | Purchase Unit  |
|---------------|------------------|------------|------------|----------------|
| GT21AN-3PP-HU | CL0771-0037-5-00 | Light Gray | Standard   | 100pcs per bag |

Note 1 : The maximum cable diameter is Signal No. 1 :  $\phi$  5.2, Signal No. 2 :  $\phi$  3.1, and Signal No. 3 :  $\phi$  5.2.  
Note 2 : Compatible coaxial terminal is GT21-30/0.7-1.5PCF, GT21-30/1.6-2.9PCF, GT21-30/1.6-2.9PCF(ID), GT21-2428/1.6-2.9PCF, GT21B-2426/1.6-2.9PCF.  
Note 3 : Use with the retainer (GT21A-3P/S-R), sold separately.

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Retainar

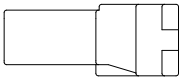
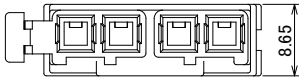
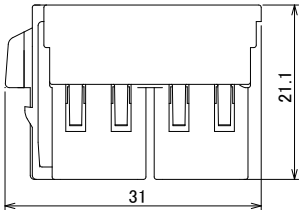


| Part No.     | HRS No.          | Color     | Purchase Unit  |
|--------------|------------------|-----------|----------------|
| GT21A-3P/S-R | CL0771-0038-8-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21A-3S-HU) and in-line jack (GT21AN-3PP-HU), sold separately.

Coaxial 4 pos. [GT21A In-line Connection]

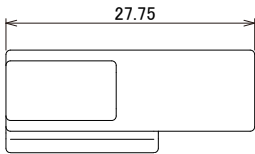
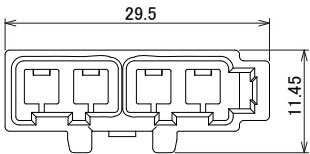
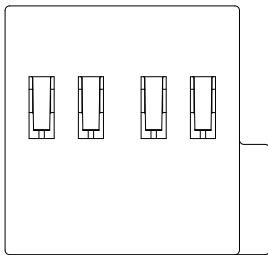
Plug



| Part No.    | HRS No.          | Color      | Mating Key | Purchase Unit  |
|-------------|------------------|------------|------------|----------------|
| GT21A-4S-HU | CL0771-0063-5-00 | Light Gray | Standard   | 100pcs per bag |

Note 1 : The maximum cable diameter is Signal No.1 :  $\phi$  5.2, Signal No.2 :  $\phi$  3.1, Signal No.3 :  $\phi$  3.1, and Signal No 4 :  $\phi$  5.2.  
Note 2 : Compliant coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 3 : Use with the retainer (GT21A-4P/S-R), sold separately.

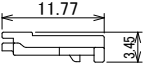
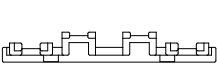
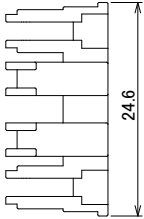
In-line Jack (Bracket N Type)



| Part No.      | HRS No.          | Color      | Mating Key | Purchase Unit  |
|---------------|------------------|------------|------------|----------------|
| GT21AN-4PP-HU | CL0771-0064-8-00 | Light Gray | Standard   | 100pcs per bag |

Note 1 : The maximum cable diameter is Signal No.1 :  $\phi$  5.2, Signal No.2 :  $\phi$  3.1, Signal No.3 :  $\phi$  3.1, and Signal No 4 :  $\phi$  5.2.  
Note 2 : Compliant coaxial terminal is GT21-30/0.7-1.5PCF, GT21-30/1.6-2.9PCF, GT21-30/1.6-2.9PCF(ID), GT21-2428/1.6-2.9PCF, GT21B-2426/1.6-2.9PCF.  
Note 3 : Use with the retainer (GT21A-4P/S-R), sold separately.

Retainer

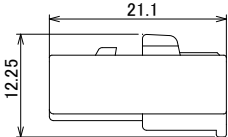
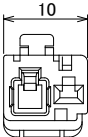
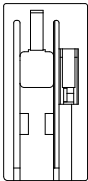


| Part No.     | HRS No.          | Color     | Purchase Unit  |
|--------------|------------------|-----------|----------------|
| GT21A-4P/S-R | CL0771-0065-0-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21A-4S-HU) and in-line jack (GT21AN-4PP-HU), sold separately.

Coaxial 1 pos. + Power 1 pos. [GT21C In-line Connection]

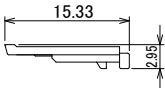
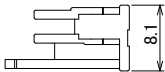
Plug



| Part No.         | HRS No.          | Color | Mating Key | Purchase Unit  |
|------------------|------------------|-------|------------|----------------|
| GT21C-1/1S-HU    | CL0771-0106-0-00 | Black | Standard   | 100pcs per bag |
| GT21C-1/1S-HU(A) | CL0771-0107-0-00 | Brown | A Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 2 : Compatible power terminal is GT7-2022SCF(70), GT7A-2022SCF(70).  
Note 3 : Use with the retainer (GT21-1/1S-R), sold separately.

Retainer

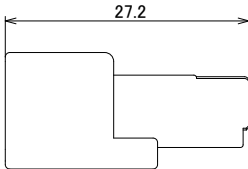
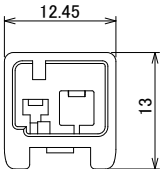
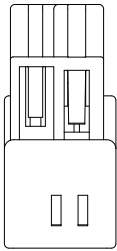


| Part No.    | HRS No.          | Color     | Purchase Unit  |
|-------------|------------------|-----------|----------------|
| GT21-1/1S-R | CL0771-0009-0-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21C-1/1S-HU(#)), sold separately.

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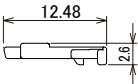
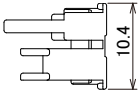
In-line Jack



| Part No.           | HRS No.          | Color | Mating Key | Purchase Unit  |
|--------------------|------------------|-------|------------|----------------|
| GT21CN-1/1PP-HU    | CL0771-0108-0-00 | Black | Standard   | 100pcs per bag |
| GT21CN-1/1PP-HU(A) | CL0771-0109-0-00 | Brown | A Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/0.7-1.5PCF, GT21-30/1.6-2.9PCF, GT21-30/1.6-2.9PCF(ID), GT21-2428/1.6-2.9PCF, GT21B-2426/1.6-2.9PCF.  
Note 2 : Compatible power terminal is GT7-2022PCF(70), GT7A-2022PCF(70).  
Note 3 : Use with the retainer (GT21-1/1P-R), sold separately.

Retainer

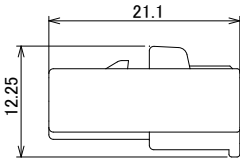
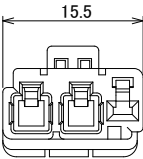
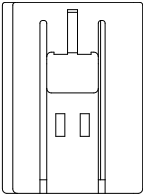


| Part No.    | HRS No.          | Color     | Purchase Unit  |
|-------------|------------------|-----------|----------------|
| GT21-1/1P-R | CL0771-0076-7-00 | Dark Gray | 100pcs per bag |

Note : Attach to the in-line jack (GT21CN-1/1PP-HU(#)), sold separately.

Coaxial 2 pos. + Power 1 pos. [GT21C In-line Connection]

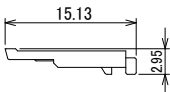
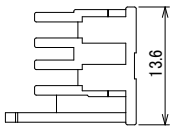
Plug



| Part No.         | HRS No.          | Color | Mating Key | Purchase Unit  |
|------------------|------------------|-------|------------|----------------|
| GT21C-2/1S-HU    | CL0771-0100-0-00 | Black | Standard   | 100pcs per bag |
| GT21C-2/1S-HU(A) | CL0771-0101-0-00 | Brown | A Key      |                |
| GT21C-2/1S-HU(B) | CL0771-0102-0-00 | Green | B Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 2 : Compatible power terminal is GT7-2022SCF(70), GT7A-2022SCF(70).  
Note 3 : Use with the retainer (GT21-2/1S-R), sold separately.

Retainer

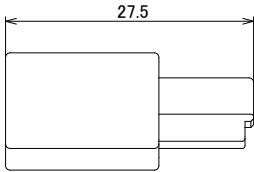
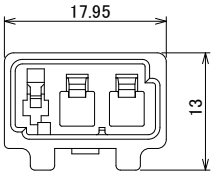
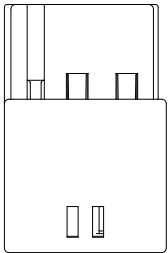


| Part No.    | HRS No.          | Color     | Purchase Unit  |
|-------------|------------------|-----------|----------------|
| GT21-2/1S-R | CL0771-0059-8-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21C-2/1S-HU(#)), sold separately.

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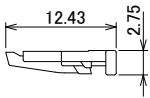
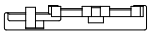
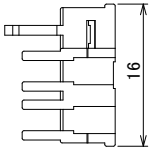
In-line Jack (Bracket N Type)



| Part No.           | HRS No.          | Color | Mating Key | Purchase Unit  |
|--------------------|------------------|-------|------------|----------------|
| GT21CN-2/1PP-HU    | CL0771-0103-0-00 | Black | Standard   | 100pcs per bag |
| GT21CN-2/1PP-HU(A) | CL0771-0104-0-00 | Brown | A Key      |                |
| GT21CN-2/1PP-HU(B) | CL0771-0105-0-00 | Green | B Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/0.7-1.5PCF, GT21-30/1.6-2.9PCF, GT21-30/1.6-2.9PCF(ID), GT21-2428/1.6-2.9PCF, GT21B-2426/1.6-2.9PCF.  
Note 2 : Compatible power terminal is GT7-2022PCF(70), GT7A-2022PCF(70).  
Note 3 : Use with the retainer (GT21C-2/1P-R), sold separately.

Retainer

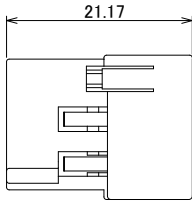
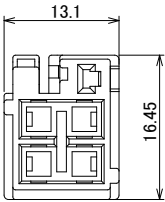
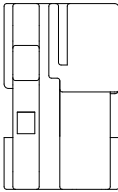


| Part No.     | HRS No.          | Color     | Purchase Unit  |
|--------------|------------------|-----------|----------------|
| GT21C-2/1P-R | CL0771-0110-0-00 | Dark Gray | 100pcs per bag |

Note : Attach to the in-line jack (GT21CN-2/1PP-HU(#)), sold separately.

Coaxial 4 pos. + Power 1 pos. [GT21C In-line Connection]

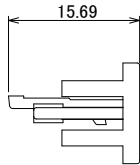
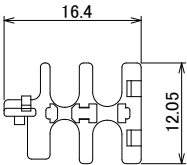
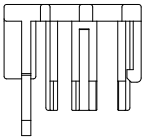
Plug



| Part No.          | HRS No.          | Color | Mating Key | Purchase Unit  |
|-------------------|------------------|-------|------------|----------------|
| GT21C-4D/1S-HU    | CL0771-0094-0-00 | Black | Standard   | 100pcs per bag |
| GT21C-4D/1S-HU(A) | CL0771-0095-0-00 | Brown | A Key      |                |
| GT21C-4D/1S-HU(B) | CL0771-0096-0-00 | Green | B Key      |                |

Note 1 : Compatible coaxial terminal is GT21-30/1.1-2.2SCF, GT21-30/1.6-2.9SCF, GT21-30/1.6-2.9SCF(ID), GT21-2428/1.6-2.9SCF, GT21B-2426/1.6-2.9SCF.  
Note 2 : Compatible power terminal is GT7-2022SCF(70), GT7A-2022SCF(70).  
Note 3 : Use with the retainer (GT21C-4D/1S-R), sold separately.  
Note 4 : When assembling, be sure to check the following instruction manual.  
ETAD-T0472-00, ETAD-T0685-00, ETAD-T0735-00

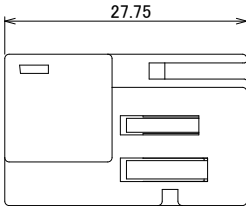
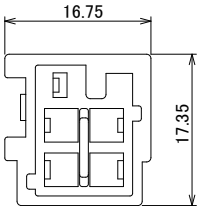
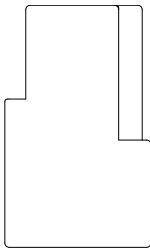
Retainer



| Part No.      | HRS No.          | Color     | Purchase Unit  |
|---------------|------------------|-----------|----------------|
| GT21C-4D/1S-R | CL0771-0099-0-00 | Dark Gray | 100pcs per bag |

Note : Attach to the plug (GT21C-4D/1S-HU(#)), sold separately.

In-line Jack



| Part No.            | HRS No.          | Color | Mating Key | Purchase Unit  |
|---------------------|------------------|-------|------------|----------------|
| GT21CN-4D/1PP-HU    | CL0771-0090-0-00 | Black | Standard   | 100pcs per bag |
| GT21CN-4D/1PP-HU(A) | CL0771-0091-0-00 | Brown | A Key      |                |
| GT21CN-4D/1PP-HU(B) | CL0771-0092-0-00 | Green | B Key      |                |

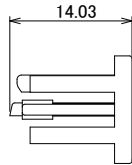
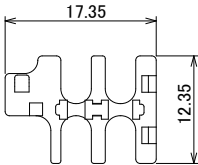
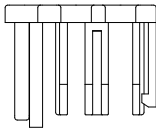
Note 1 : Compatible coaxial terminal is GT21-30/0.7-1.5PCF, GT21-30/1.6-2.9PCF, GT21-30/1.6-2.9PCF(ID), GT21-2428/1.6-2.9PCF, GT21B-2426/1.6-2.9PCF.

Note 2 : Compatible power terminal is GT7-2022PCF(70), GT7A-2022PCF(70).

Note 3 : Use with the retainer (GT21C-4D/1P-R), sold separately.

Note 4 : When assembling, be sure to check the following instruction manual.  
ETAD-T0472-00, ETAD-T0685-00, ETAD-T0735-00

Retainer

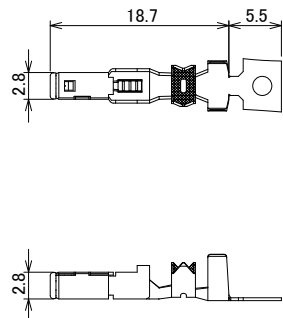


| Part No.      | HRS No.          | Color     | Purchase Unit  |
|---------------|------------------|-----------|----------------|
| GT21C-4D/1P-R | CL0771-0098-0-00 | Dark Gray | 100pcs per bag |

Note : Attach to the in-line jack (GT21CN-4D/1PP-HU(#)), sold separately.

# Coaxial Terminal

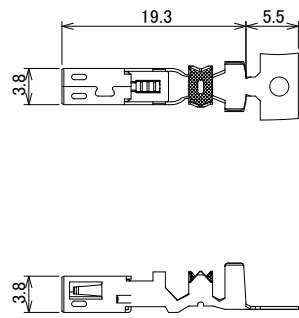
## Female Terminal



(Example of product appearance.)

| Part No.               | HRS No.          | Wire Size               | Insulation Outer Diameter | Jacket Outer Diameter | Purchase Unit     |
|------------------------|------------------|-------------------------|---------------------------|-----------------------|-------------------|
| GT21-30/1.1-2.2SCF     | CL0771-0040-0-00 | 30 AWG<br>Solid Wire    | φ 1.0 to 1.4              | φ 2.0 to 2.4          | 3,000pcs per reel |
| GT21-30/1.6-2.9SCF     | CL0771-0012-4-00 | 30 AWG<br>Stranded Wire | φ 1.5 to 2.0              | φ 2.6 to 3.4          | 5,500pcs per reel |
| GT21-30/1.6-2.9SCF(ID) | CL0771-0057-2-00 | 30 AWG<br>Solid Wire    |                           |                       |                   |
| GT21-2428/1.6-2.9SCF   | CL0771-0004-6-00 | 24 to 28 AWG            |                           |                       |                   |
| GT21B-2426/1.6-2.9SCF  | CL0771-0087-0-00 | 24 to 26 AWG            |                           |                       | 2,000pcs per reel |

## Male Terminal

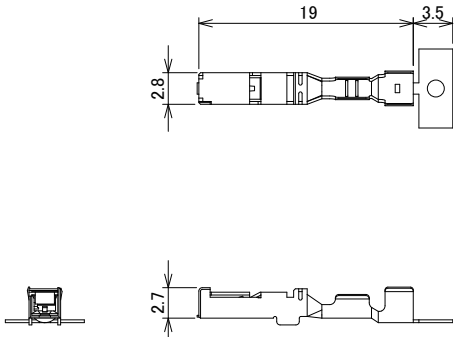
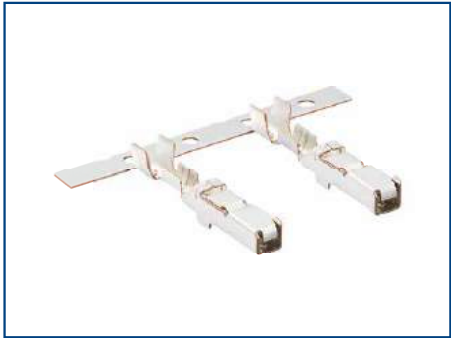


(Example of product appearance.)

| Part No.               | HRS No.          | Wire Size               | Insulation Outer Diameter | Jacket Outer Diameter | Purchase Unit     |
|------------------------|------------------|-------------------------|---------------------------|-----------------------|-------------------|
| GT21-30/0.7-1.5PCF     | CL0771-0056-0-00 | 30 AWG<br>Stranded Wire | ϕ 0.6 to 0.9              | ϕ 1.4 to 1.8          | 5,000pcs per reel |
| GT21-30/1.6-2.9PCF     | CL0771-0051-6-00 |                         | ϕ 1.5 to 2.0              | ϕ 2.6 to 3.4          |                   |
| GT21-30/1.6-2.9PCF(ID) | CL0771-0066-3-00 | 30 AWG<br>Solid Wire    |                           |                       |                   |
| GT21-2428/1.6-2.9PCF   | CL0771-0013-7-00 | 24 to 28 AWG            |                           |                       |                   |
| GT21B-2426/1.6-2.9PCF  | CL0771-0088-0-00 | 24 to 26 AWG            |                           |                       | 2,000pcs per reel |

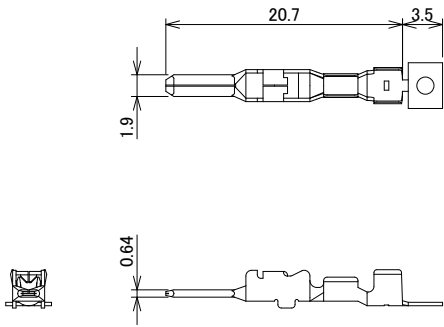
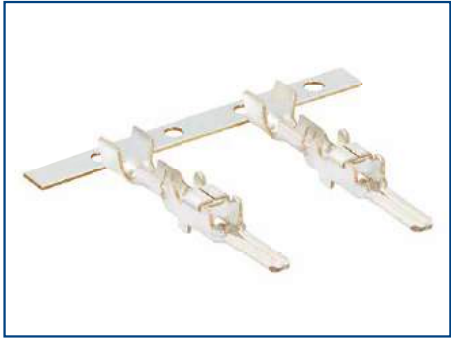
Power Terminal

Female Terminal



| Part No.         | HRS No.          | Wire Size    | Jacket Outer Diameter | Purchase Unit     |
|------------------|------------------|--------------|-----------------------|-------------------|
| GT7-2022SCF(70)  | CL0757-0001-1-70 | 20 to 22 AWG | φ 1.4 to 2.4          | 5,000pcs per reel |
| GT7A-2022SCF(70) | CL0757-0003-7-70 |              | φ 2.6 to 3.1          | 3,000pcs per reel |

Male Terminal



| Part No.         | HRS No.          | Wire Size    | Jacket Outer Diameter | Purchase Unit     |
|------------------|------------------|--------------|-----------------------|-------------------|
| GT7-2022PCF(70)  | CL0757-0002-4-70 | 20 to 22 AWG | φ 1.4 to 2.4          | 5,000pcs per reel |
| GT7A-2022PCF(70) | CL0757-0004-0-70 |              | φ 2.6 to 3.1          | 3,000pcs per reel |

## Applicable Crimping Tool

| Item                    | Part No.             | HRS No.          | Applicable Coaxial Terminal |
|-------------------------|----------------------|------------------|-----------------------------|
| Automatic Crimp Machine | CM-105C              | CL0901-0001-0-00 | -                           |
| Applicator              | AP-GT21-30/1122SI    | CL0901-5236-0-00 | GT21-30/1.1-2.2SCF          |
|                         | AP-GT21-30/1629S     | CL0901-5203-5-00 | GT21-30/1.6-2.9SCF          |
|                         | AP-GT21-30/1629S-2   | CL0901-5217-0-00 |                             |
|                         | AP-GT21-30/1629SI    | CL0901-5201-0-00 | GT21-30/1.6-2.9SCF(ID)      |
|                         | AP-GT21-2428/1629S   | CL0901-5191-8-00 | GT21-2428/1.6-2.9SCF        |
|                         | AP-GT21-2428/1629S-2 | CL0901-5215-4-00 |                             |
|                         | AP-GT21B-2426/1629S  | CL0901-5247-0-00 | GT21B-2426/1.6-2.9SCF       |
|                         | AP-GT21-30/0715P     | CL0901-5207-6-00 | GT21-30/0.7-1.5PCF          |
|                         | AP-GT21-30/1629P     | CL0901-5208-9-00 | GT21-30/1.6-2.9PCF          |
|                         | AP-GT21-30/1629P-2   | CL0901-5218-2-00 |                             |
|                         | AP-GT21-30/1629PI    | CL0901-5219-5-00 | GT21-30/1.6-2.9PCF(ID)      |
|                         | AP-GT21-2428/1629P   | CL0901-5209-1-00 | GT21-2428/1.6-2.9PCF        |
|                         | AP-GT21-2428/1629P-2 | CL0901-5216-7-00 |                             |
|                         | AP-GT21B-2426/1629P  | CL0901-5248-0-00 | GT21B-2426/1.6-2.9PCF       |

| Item                    | Part No.        | HRS No.          | Applicable Power Terminal            |
|-------------------------|-----------------|------------------|--------------------------------------|
| Automatic Crimp Machine | CM-105C         | CL0901-0001-0-00 | -                                    |
| Applicator              | AP105-GT7-2022  | CL0901-5004-9-00 | GT7-2022SCF(70)<br>GT7-2022PCF(70)   |
|                         | AP105-GT7A-2022 | CL0901-5039-3-00 | GT7A-2022SCF(70)<br>GT7A-2022PCF(70) |

Note 1 : Crimping should be carried out based on the "Crimping Quality Standards" and "Crimping Conditions Table."

Note 2 : Problems caused by tools other than those specified are not covered by the warranty.

## Usage Precautions

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended Temperature Profile | <p>Temperature(°C)</p> <p>Room Temperature</p> <p>Time(sec.)</p> <p>120 to 180sec.</p> <p>60 to 120sec.</p> <p>30 to 60sec.</p> <p>60sec. Max.</p> <p>【Conditions】</p> <ol style="list-style-type: none"> <li>1. Peak Temperature 250°C Peak</li> <li>2. Heating Part 230°C Min. 30 to 60sec. Max.</li> <li>3. Preheating Section 130 to 180°C, 60 to 120sec.</li> <li>4. Number of Times 2 times Max.</li> </ol>               |
| Cautions                        | <ol style="list-style-type: none"> <li>1. Forcing the connector out might cause damage. If challenging to remove, gently press down once and then release the lock.</li> <li>2. Always disconnect the power before reseating the connector.</li> <li>3. Avoid touching the terminal area when the power is active, as it's hazardous.</li> <li>4. For harnessing guidelines, please consult a Hirose representative.</li> </ol> |

## While Taking into Consideration

Specifications mentioned in this catalog are reference values.

When considering to order or use this product, please review the Drawing and Product Specifications sheets.

Use an appropriate cable when using the connector in combination with cables.

If considering usage of a non-specified cable, please contact your sales representative.

If assembly process is done by jigs & tools which are not identified by Hirose, the warranty of the product may be affected.

If considering usage for below mentioned applications, please contact your sales representative.

In cases where the application will demand a high level of reliability, such as automotive, medical instruments, public infrastructure, aerospace/defense etc. Hirose must review before assurance of reliability can be given.

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