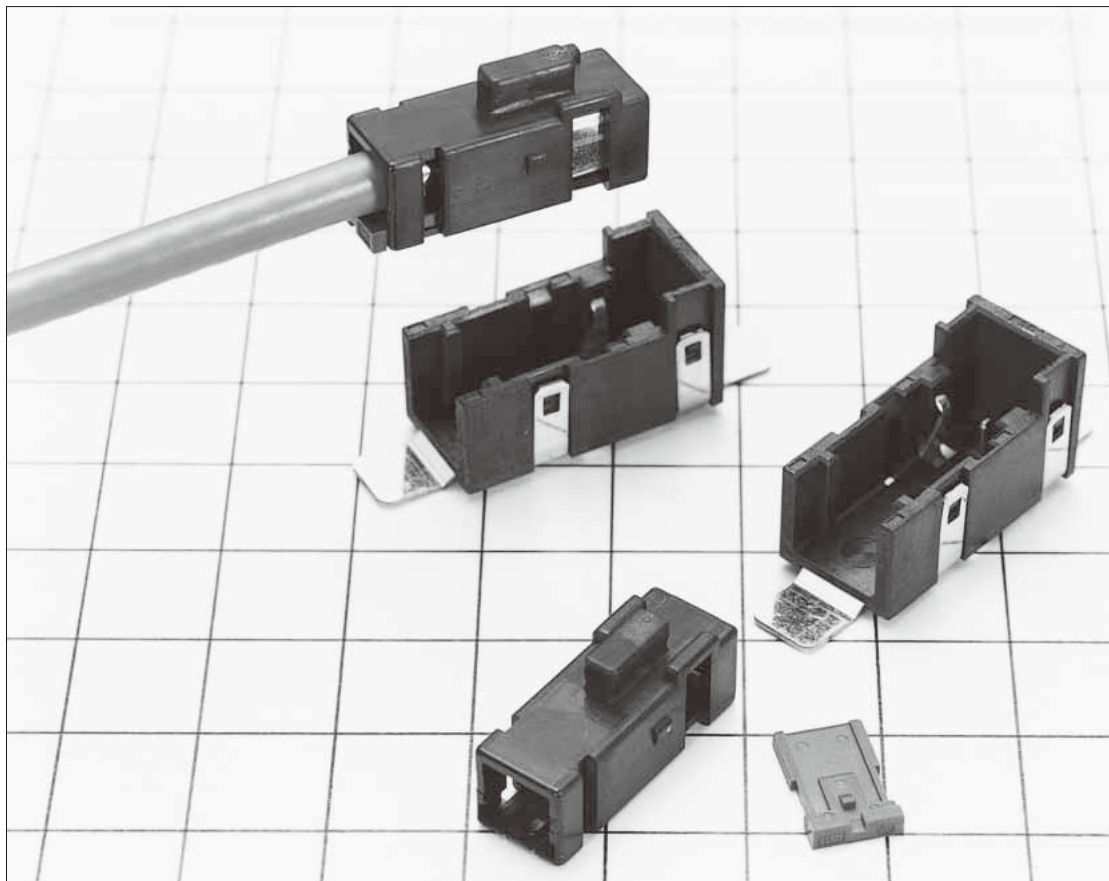


# GT19 Series

— Connectors for window-mounted antennas —



## ■ Features

- **Low cost cable assembly(GT19N)**  
Signal lines and shield can be crimped in a batch.
- **Space-saving design(GT19S)**  
Compare with GT19N, mounting space is reduced by approximately 27%.

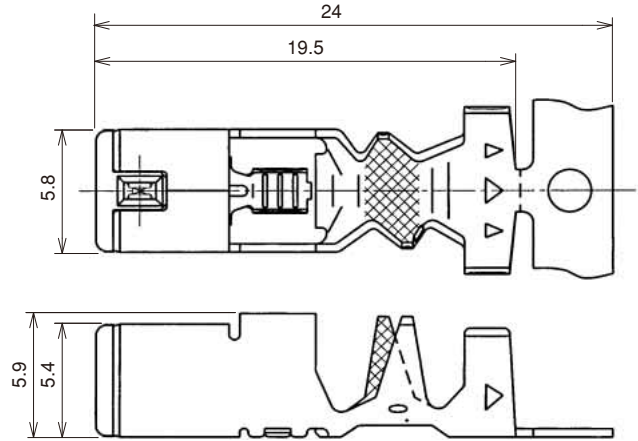
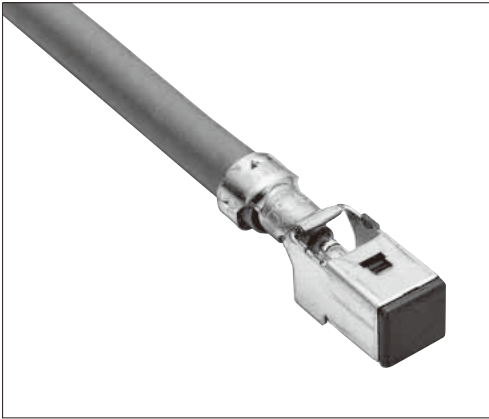
## ■ Applications

for window-mounted antennas.

# GT19N Series

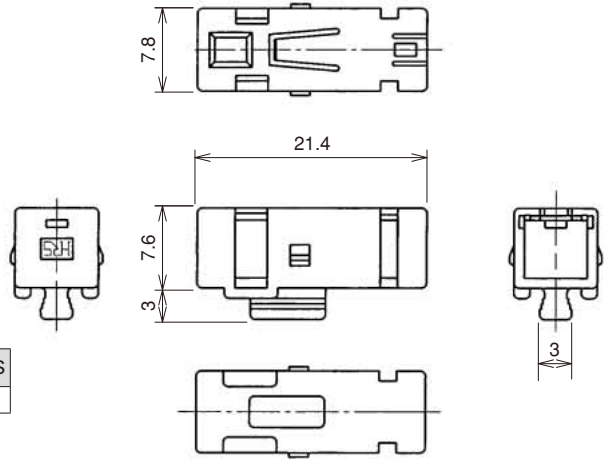
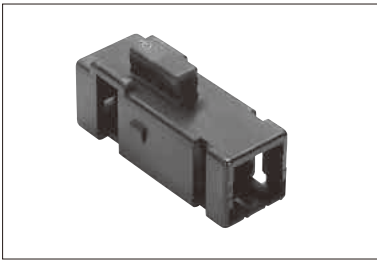
## F Connectors

### ● Terminals



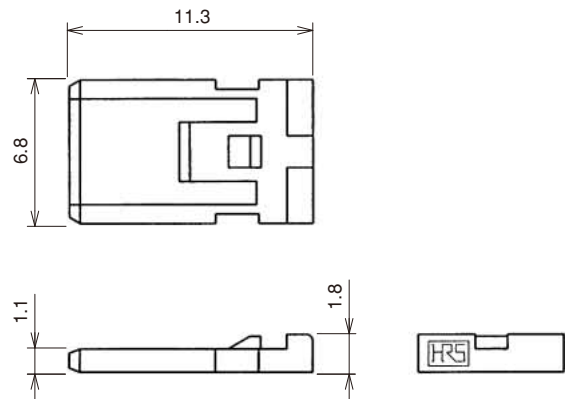
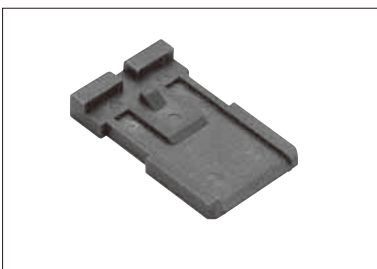
Part No.	HRS No.	Material/Plating or Color	Wire Size	Inner Insulation Diameter	Outer Diameter	Packaging	RoHS
GT19N-2022/F3.3-5SCF(70)	769-0001-1 70	Insulator : PBT/Dark Gray Center terminals : Phosphor bronze/Tin plating Outer terminals : Brass/Tin plating	20 to 22 AWG	φ 2.5 to 2.9	φ 4.6 to 5.0	1,100 pcs/reel	YES

### ● Housing



Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19N-1S-HU	769-0002-4	PBT	Black	1	YES

### ● Retainer (Used with GT19N-1S-HU)



Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19N-1S-R	769-0003-7	PBT	Dark Gray	1	YES

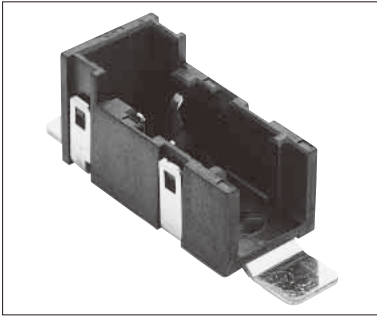
Dec.1.2018 Copyright 2018 HIROSE ELECTRIC CO., LTD. All Rights Reserved. For Antenna

GT5 GT13 GT16 PO5G GT19 GT21 GT26 GT36 GT11 GT17 GT32 GT3 GT7 GT10 GT18W GT25 GT8E GT9 GT15

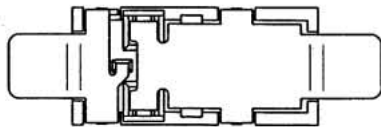
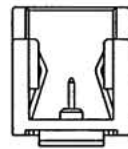
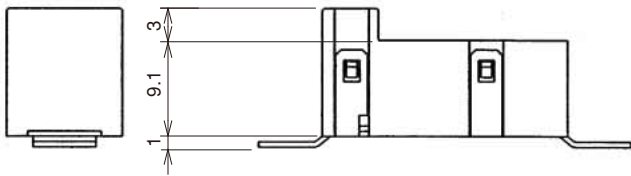
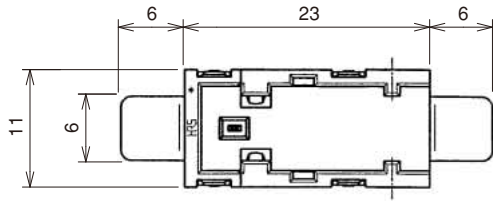
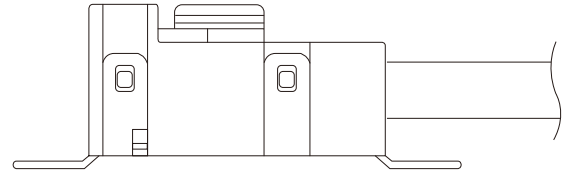
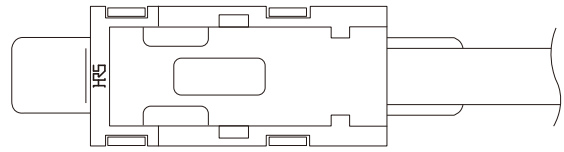
- GT5
- GT13
- GT16
- PO5G
- GT19**
- GT21
- GT26
- GT36
- GT11
- GT17
- GT32
- GT3
- GT7
- GT10
- GT18W
- GT25
- GT8E
- GT9
- GT15

For Antenna

## M Connectors



◆ Mated condition

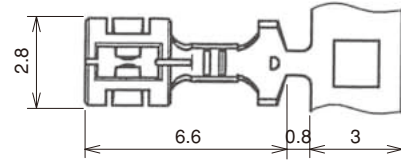


Part No.	HRS No.	Material/Plating or Color	Packaging	RoHS
GT19N-1P-V(70)	769-0004-0 70	Housing : PPS/Black Center terminal : Brass/Tin plating Outer terminal : Copper alloy/Tin plating	1	YES

# GT19S Series

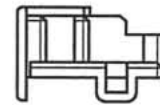
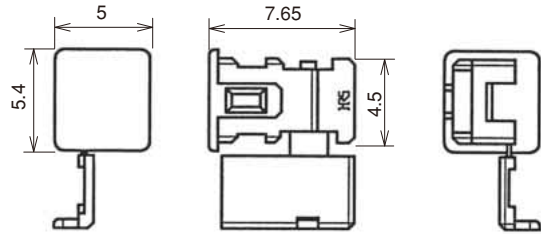
## F Connectors

### ● Center terminal



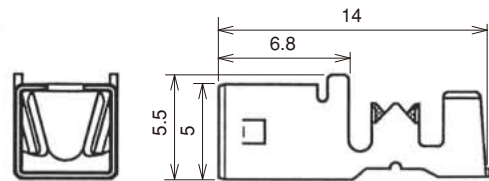
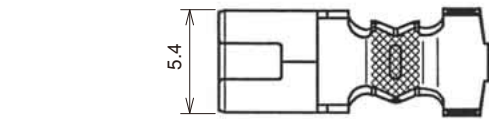
Part No.	HRS No.	Material	Plating	Wire Size	Packaging	RoHS
GT19S-30SCF	769-0014-3	Copper Alloy	Tin plating	30 AWG	3,000 pcs/reel	YES
GT19S-2428SCF	769-0021-9			24 to 28 AWG		

### ● Insulated case



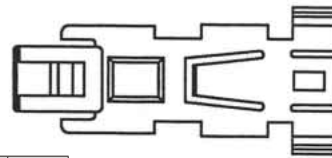
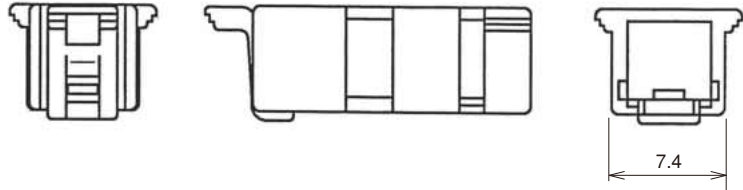
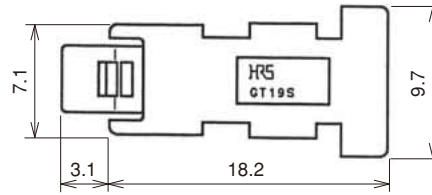
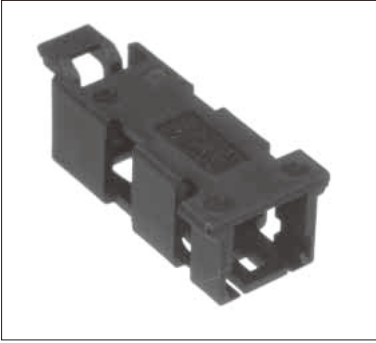
Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19S-SC	769-0015-6	PBT	Dark Gray	1	YES

### ● Outside tube terminal



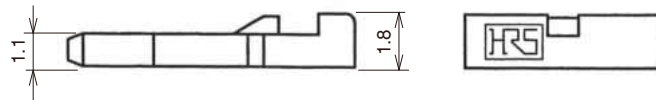
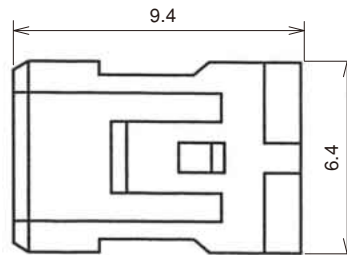
Part No.	HRS No.	Material	Plating	Inner Insulation Diameter	Outer Diameter	Packaging	RoHS
GT19S-1.6-2.9SC	769-0016-9	Brass	Tin plating	φ 1.5 to 2.0	φ 2.6 to 3.0	1	YES

● Housing



Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19S-1S-HU	769-0017-1	PBT	Black	1	YES

● Retainer (Used with GT19S-1S-HU)



Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19S-1S-R	769-0018-4	PBT	Dark Gray	1	YES

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For Antenna

- GT5
- GT13
- GT16
- PO5G
- GT19**
- GT21
- GT26
- GT36
- GT11
- GT17
- GT32
- GT3
- GT7
- GT10
- GT18W
- GT25
- GT8E
- GT9
- GT15

GT5

GT13

GT16

PO5G

**GT19**

GT21

GT26

GT36

GT11

GT17

GT32

GT3

GT7

GT10

GT18W

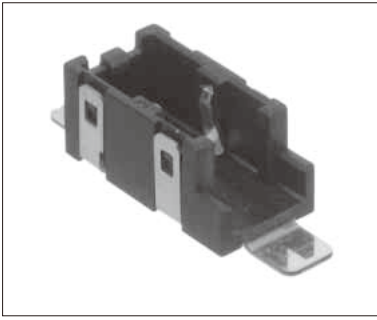
GT25

GT8E

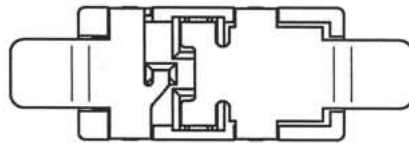
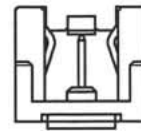
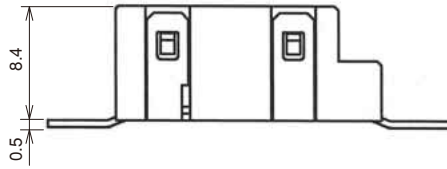
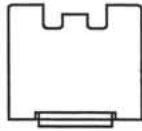
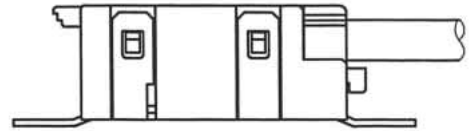
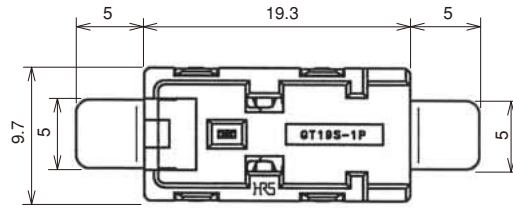
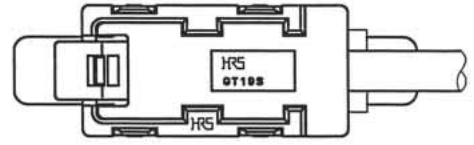
GT9

GT15

## M Connectors



◆ Mated condition

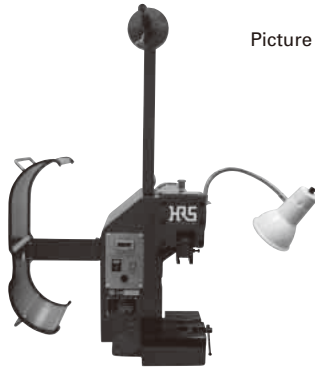


Part No.	HRS No.	Material/Plating or Color	Packaging	RoHS
GT19S-1P-V	769-0019-7	Housing : PPS/Black Center terminal : Brass/Tin plating Outer terminal : Copper alloy/Tin plating	1	YES

## ◆ Crimping tools

User's manuals are available. Please ask your Hirose Electric account representative.

### ● Automatic Crimping Machine



Picture reference only

#### Specifications

Item	Specification	Remarks
Press capacity	1.5ton	
Stroke	30mm	
Number of strokes	200spm (50Hz)	240spm (60Hz)
Weight	72kg	
Motor	0.2kW	AC100V
Crimping speed	2,000~4,000 pieces/H	

Part No. CM-105C

#### Applicators

Terminal Product No.	Terminal HRS No.	Tool No.	Tool HRS No.
GT19N-2022/F3.3-5SCF(70)	769-0001-1 70	AP105-GT19N-2022/F33-5SID	901-5090-0
GT19S-30SCF	769-0014-3	AP105-GT19S-30S	901-5150-0
		AP105-GT19S-30S-ID	901-5167-3
GT19S-2428SCF	769-0021-9	AP105-GT19S-2428S	901-5178-0
GT19S-/1.6-2.9SC	769-0016-9	GT19S-1.6-2.9S/CK-MP	902-5516-7
		GT19S-1.6-2.9S/CK-MP3	902-5518-2

Note 1 : Crimp heights are different for each style of cable. When using cables other than those recommended, please consult with Hirose.

When using cables other than those specified, Hirose will need to establish the correct crimp heights.

Note 2 : Before purchasing genuine Hirose tooling, please inquire if your intended cable has been approved for use on the Hirose tooling.

Note 3 : When using cables other than those recommended, modifications to the tooling may be needed. Please consult with Hirose.

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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