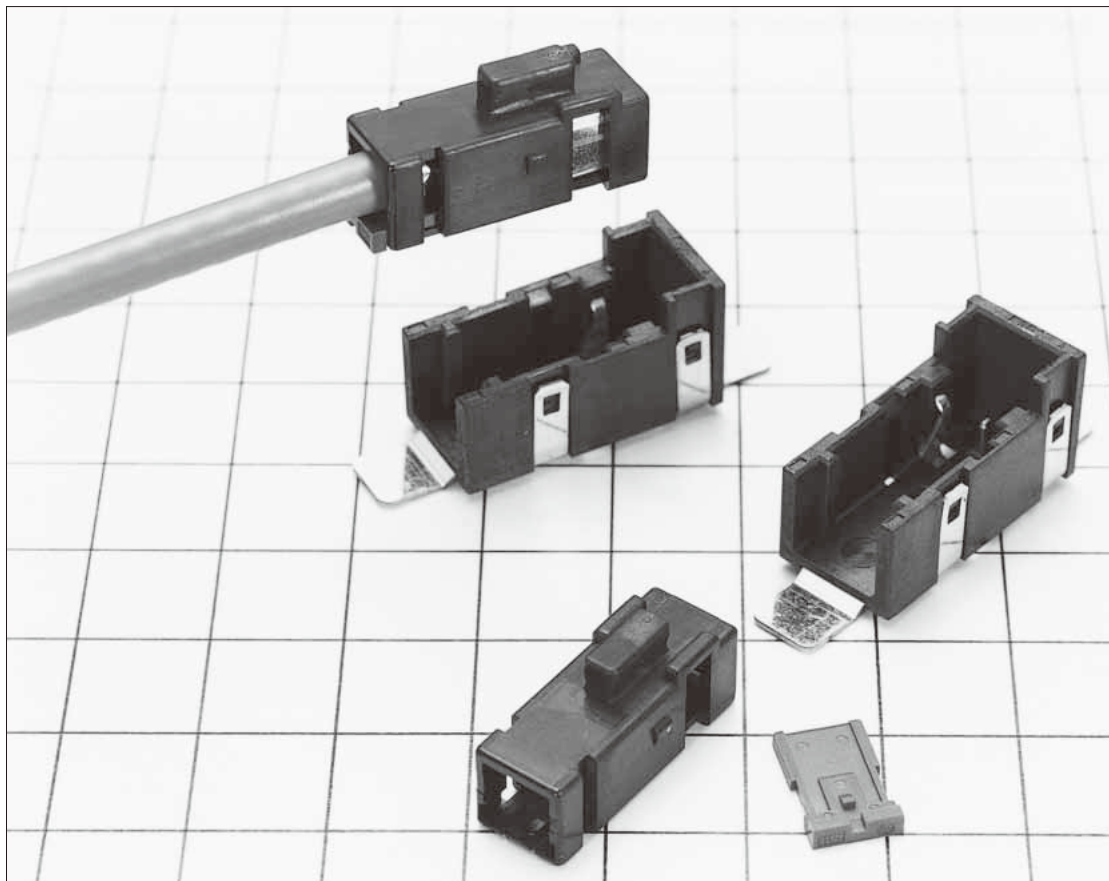


GT19 Series

— 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%.

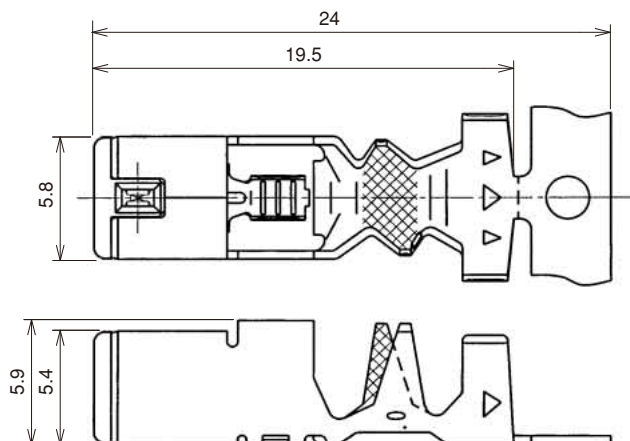
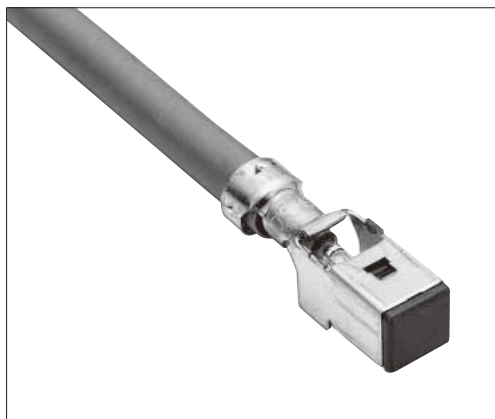
■ Applications

for window-mounted antennas.

GT19N Series

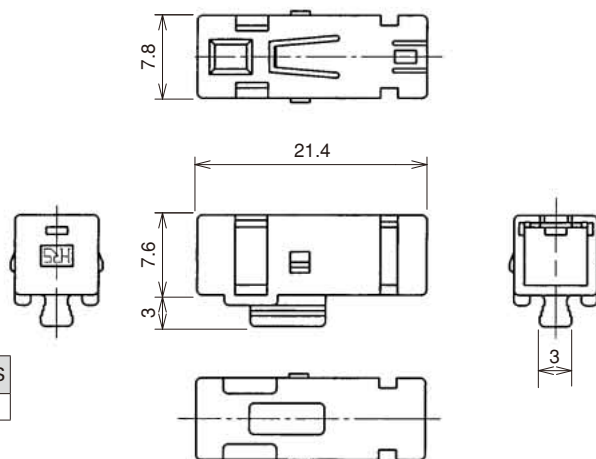
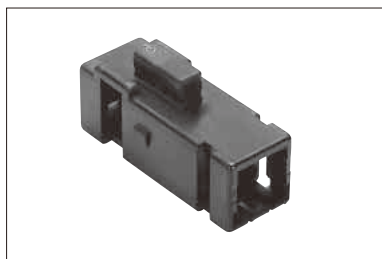
F Connectors

● Terminals



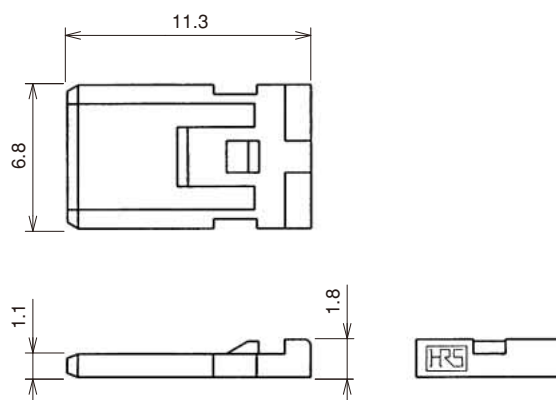
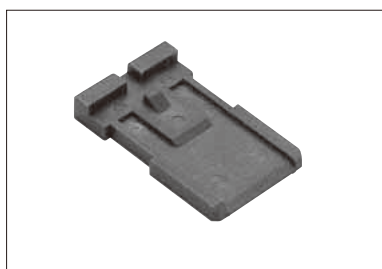
Part No.	HRS No.	Material/Plating or Color	Wire Size	Inner Insulation Diameter	Outer Diameter	Packaging	RoHS
GT19N-2022/F3.3-5SCF(70)	769-0001-1 70	Insulator : PBT/Dark Gray Center terminals : Phosphor bronze/Tin plating Outer terminals : Brass/Tin plating	20 to 22 AWG	φ 2.5 to 2.9	φ 4.6 to 5.0	1,100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

● Housing



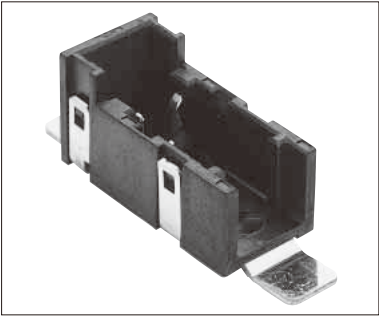
Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19N-1S-HU	769-0002-4	PBT	Black	1	YES

● Retainer (Used with GT19N-1S-HU)

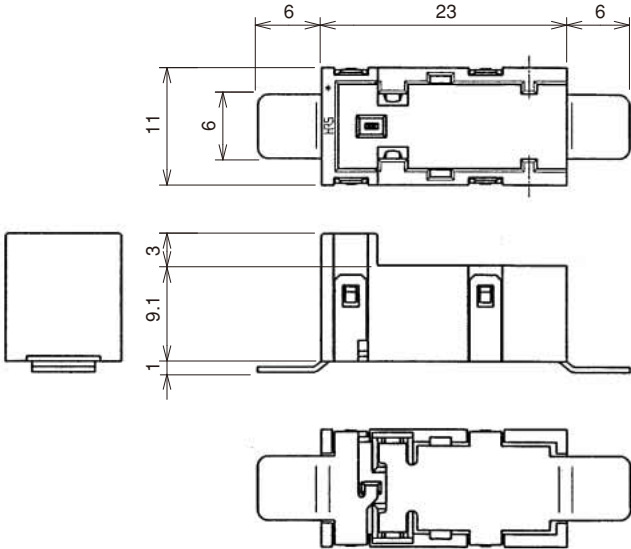
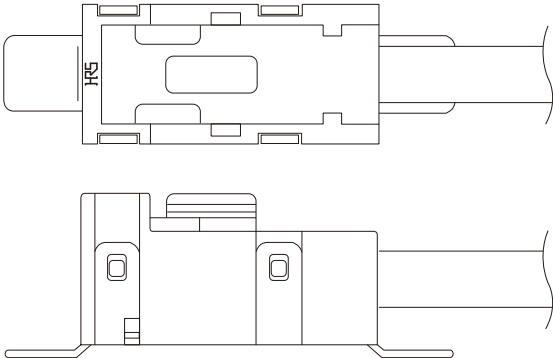


Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19N-1S-R	769-0003-7	PBT	Dark Gray	1	YES

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

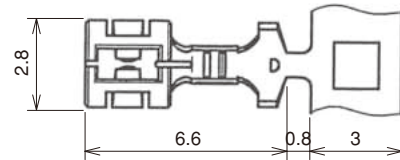
GT5	GT13	GT16	PO5G	GT19	GT21	GT26	GT36	GT11	GT17	GT32	GT3	GT7	GT10	GT18W	GT25	GT8E	GT9	GT15
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For Antenna

GT19S Series

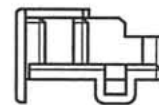
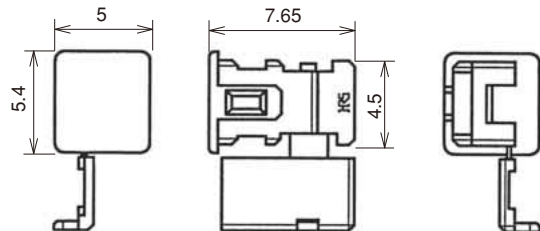
■ F Connectors

● Center terminal



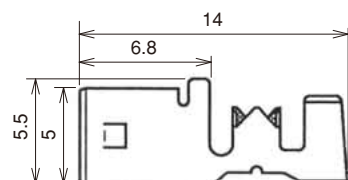
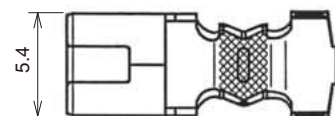
Part No.	HRS No.	Material	Plating	Wire Size	Packaging	RoHS
GT19S-30SCF	769-0014-3	Copper Alloy	Tin plating	30 AWG	3,000 pcs/reel	YES
GT19S-2428SCF	769-0021-9			24 to 28 AWG		

● Insulated case



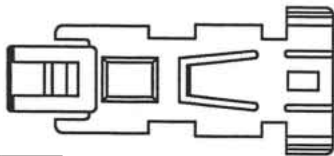
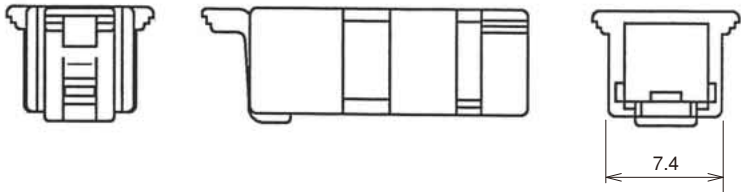
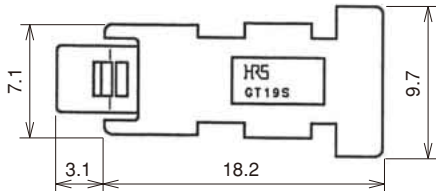
Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19S-SC	769-0015-6	PBT	Dark Gray	1	YES

● Outside tube terminal



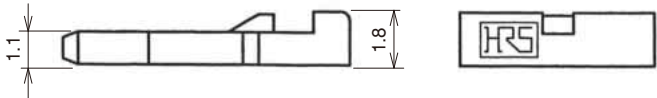
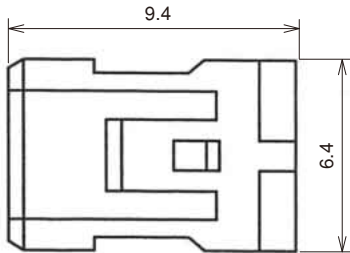
Part No.	HRS No.	Material	Plating	Inner Insulation Diameter	Outer Diameter	Packaging	RoHS
GT19S-1.6-2.9SC	769-0016-9	Brass	Tin plating	φ 1.5 to 2.0	φ 2.6 to 3.0	1	YES

● Housing



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

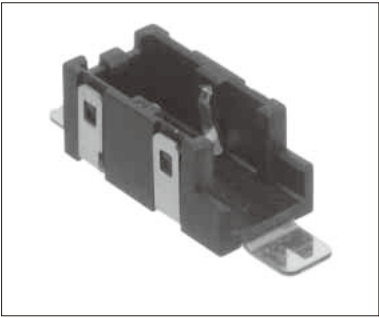
● Retainer (Used with GT19S-1S-HU)



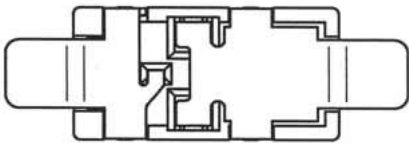
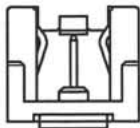
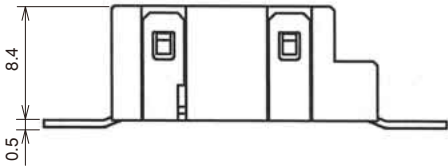
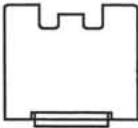
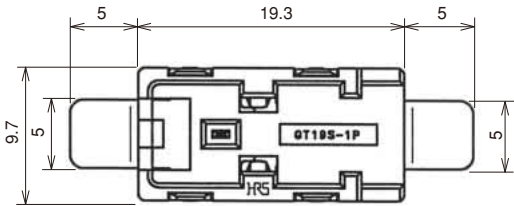
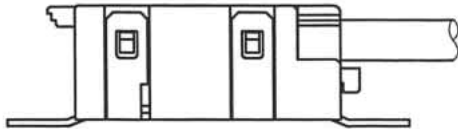
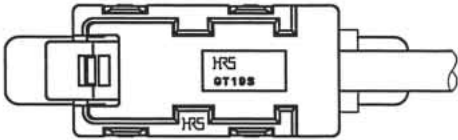
Part No.	HRS No.	Material	Color	Packaging	RoHS
GT19S-1S-R	769-0018-4	PBT	Dark Gray	1	YES

For Antenna	
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.