Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

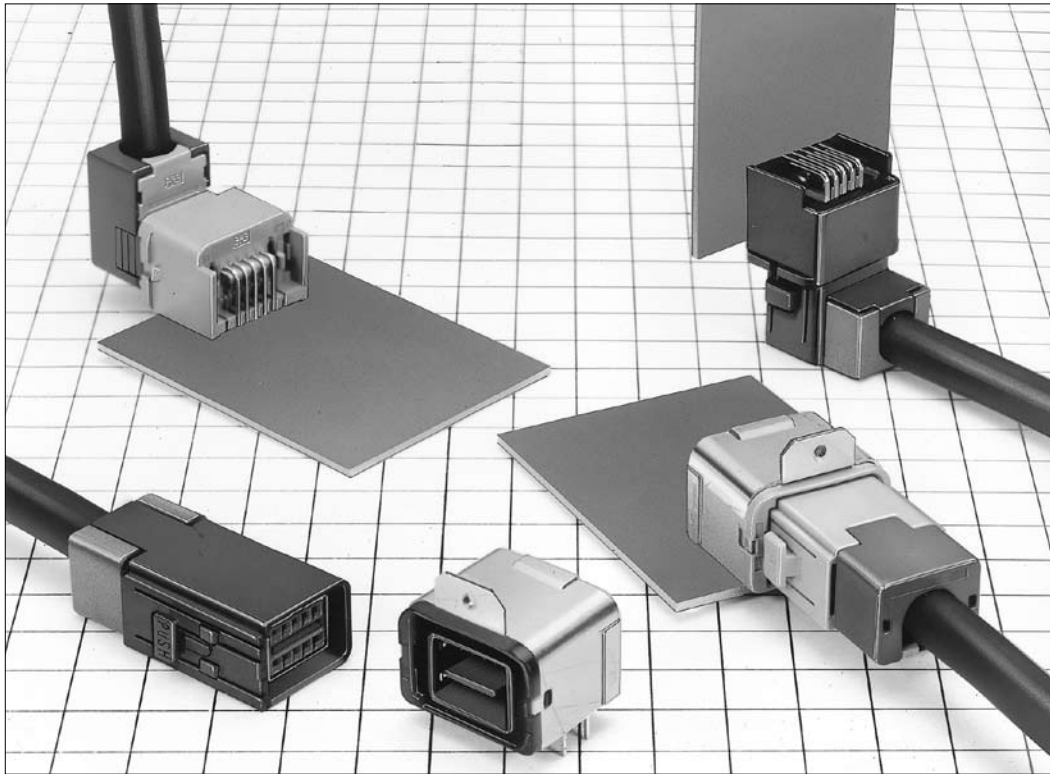## Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
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GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

GT17 Series

— Multi contacts connector for high frequency Application — (as USB,LVDS,GVIF)
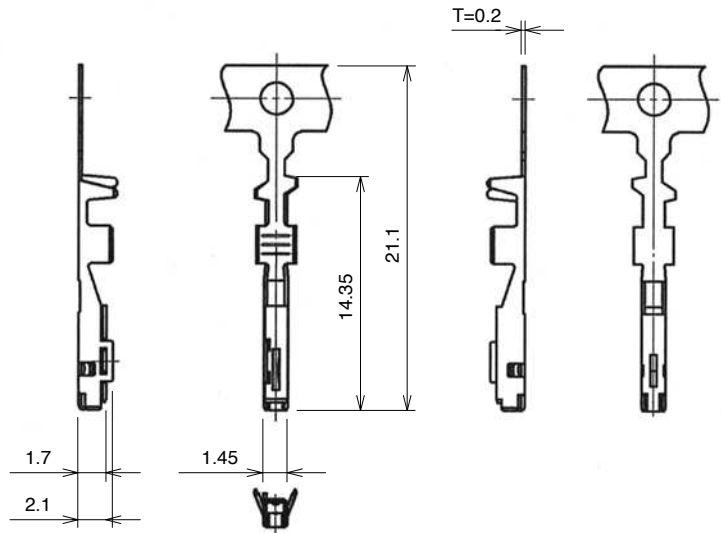

■ Features

- ● **All surface shielded construction.**
- ● **Ideal for use as Automotive USB connectors.**

■ Applications

In-car data communications, etc.

GT 5

GT 13

GT 16

PO5G

GT 11

GT 17

GT 19

GT 26

GT 27

GT 3

GT 6W

GT 7

GT 10

GT 18W

GT 15

GT 8

GT 9

GT 25

GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ F Connectors

● **Center Terminals**
(Used with 6, 8, and 10 conductor cable)

These are lead-free products.

Part Number	HRS No.	Material	Finish	Conductor Size (AWG)	Outer Diameter	Packaging	RoHS
GT17-2022SCF	767-0009-0	Copper alloy	Tin plating	#20 to 22	φ 1.1 to 1.3 mm	10,000 pcs/reel	YES
GT17-2428SCF	767-0010-0	Copper alloy	Tin plating	#24 to 28	φ 0.7 to 1.0 mm	10,000 pcs/reel	
GT17-30SCF	767-0064-9	Copper alloy	Tin plating	#30	φ 1.1 to 1.3 mm	10,000 pcs/reel	
GT17B-2428SCF	767-0122-3	Copper alloy	Tin plating	#24 to 28	φ 0.5 to 0.7 mm	10,000 pcs/reel	

■ M Connectors

● **Center Terminals**
(Used with 6, 8, and 10 conductor cable)
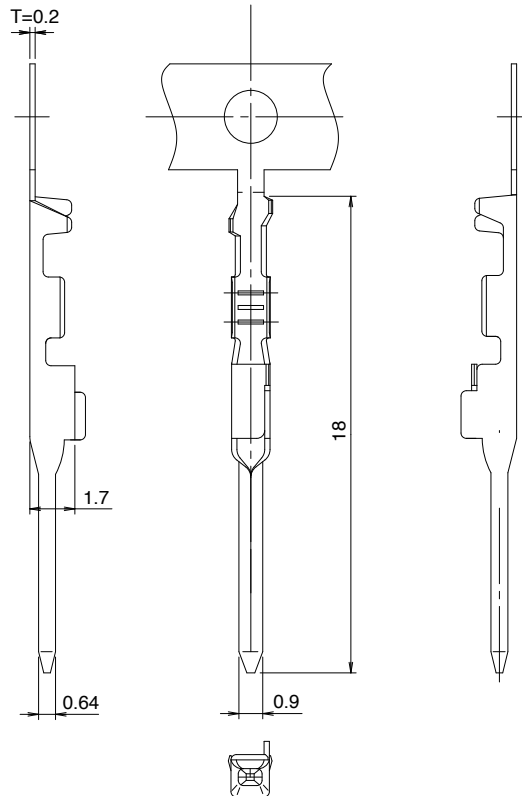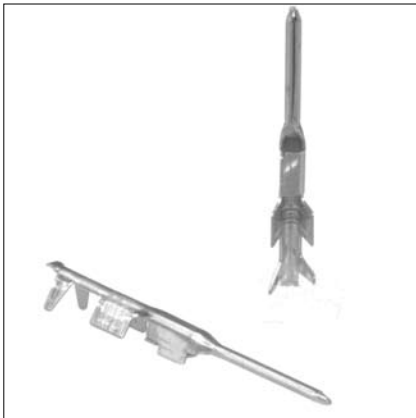
These are lead-free products.

Part Number	HRS No.	Material	Finish	Conductor Size (AWG)	Outer Diameter	Packaging	RoHS
GT17-2022PCF	767-0082-0	Brass	Tin plating	AWG#20~22	φ 1.1 to 1.3 mm	10,000 pcs/reel	YES
GT17-2428PCF	767-0076-8	Brass	Tin plating	AWG#24~28	φ 0.7 to 1.0 mm	10,000 pcs/reel	
GT17A-2428PCF	767-0121-0	Brass	Tin plating	AWG#24~28	φ 1.1 to 1.3 mm	10,000 pcs/reel	

■ 6-Conductor Straight Connectors

◆By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.

Contact No.3   Contact No.1

Contact No.6   Contact No.4

16.6±0.3
14.7±0.3
6.6±0.2
38.5±0.5
13.3±0.3

PUSH
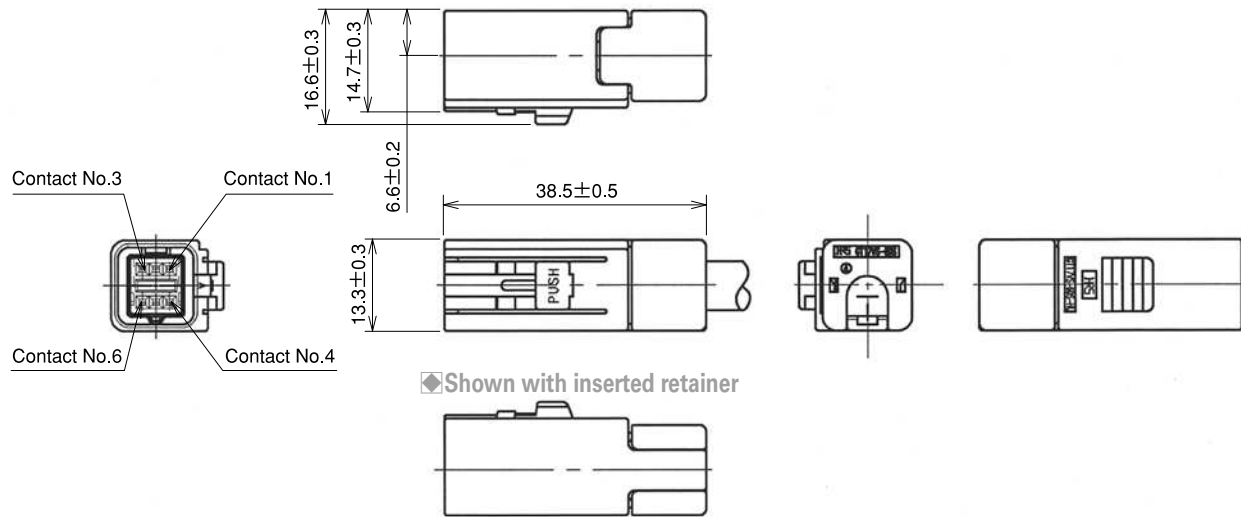
◆Shown with inserted retainer

◆The product comprises 6 parts.

(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-6DS-HU	767-0051-7	PBT/Light Gray	1piece	———	YES
GT17VSA-6DS-HU	767-0052-0	PBT/Black	1piece	———	

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DS-2C	767-0026-0	PBT/Dark Gray	1piece	———	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-6DS-5CF	767-0050-4	Copper alloy /Tin plating	1piece	Lead free, Conductor Size φ4.8 to 5.2	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-6DS-SC	767-0049-5	Copper alloy /Tin plating	1piece	Lead free	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-6DS-R	767-0053-2	PBT/Dark Gray	1piece	———	YES

● Center terminal

Used with 6,8, and 10 conductor cable

◆Mating Table

Color	Cable side connector	Boad connector
Gray	GT17VS-6DS-HU	GT17V-6DP-DS(70)
		GT17VB-6DP-DS(70)
Black	GT17VSA-6DS-HU	GT17VA-6DP-DS(70)
		GT17VC-6DP-DS(70)

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

GT 5 GT 13 GT 16 PO5G GT 11 GT 17 GT 19 GT 26 GT 27 GT 3 GT 6W GT 7 GT 10 GT 18W GT 15 GT 8 GT 9 GT 25 GT 22

■ 6-Conductor Right-angle Connectors

◆By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.

27±0.5

16.6±0.3 14.7±0.3 6.6±0.2

14.2±0.3

13.2±0.3

12±0.3

Contact No.3   Contact No.1

Contact No.6   Contact No.4

22±0.5

13.3±0.3

PUSH

◆Shown with inserted retainer
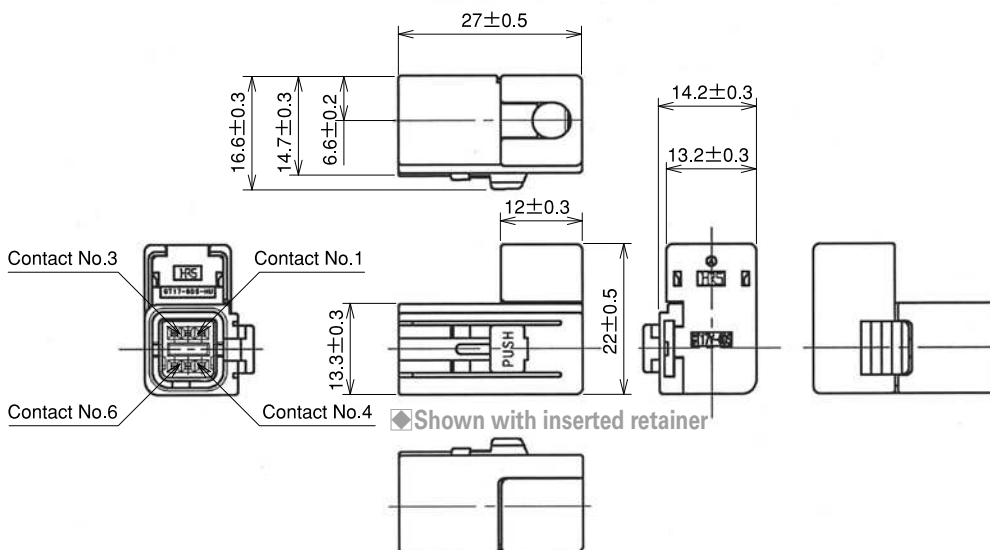
◆The product comprises 6 parts.
(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DS-HU	767-0029-8	PBT / Light Gray	1piece	——	YES
GT17VA-6DS-HU	767-0030-7	PBT / Black	1piece	——	

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DS-2C	767-0026-0	PBT / Dark Gray	1piece	——	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DS-5CF	767-0027-2	Copper alloy /Tin plating	1piece	Lead free, Conductor Size ϕ4.8 to 5.2mm	YES
GT17V-6DS-3.8CF	767-0075-5	Copper alloy /Tin plating	1piece	Lead free, Conductor Size ϕ3.8 to 4.2mm	

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DS-SC	767-0028-5	Copper alloy /Tin plating	1piece	Lead free	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DS-R	767-0031-0	PBT / Dark Gray	1piece	——	YES

● Center terminal
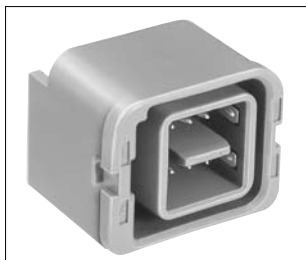Used with 6,8, and 10 conductor cable

◆Mating Table

Color	Cable side connector	Boad connector
Gray	GT17V-6DS-HU	GT17V-6DP-DS(70)(Cable exit direction, up side from mounting side)
		GT17VB-6DP-DS(70)(Cable exit direction, down side from mounting side)
Black	GT17VA-6DS-HU	GT17VA-6DP-DS(70)(Cable exit direction, up side from mounting side)
		GT17VC-6DP-DS(70)(Cable exit direction, down side from mounting side)

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

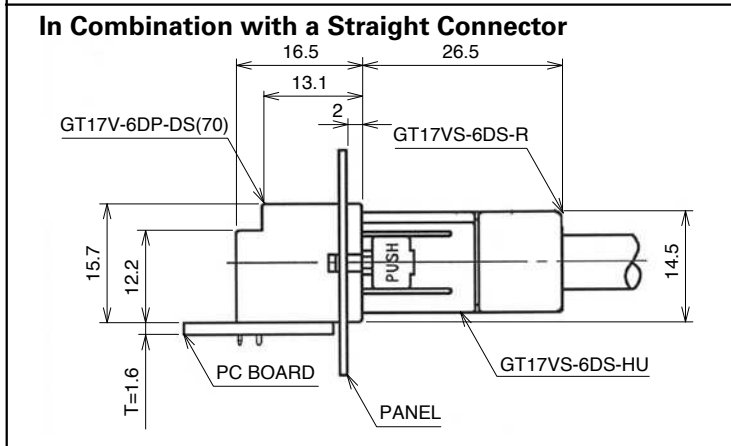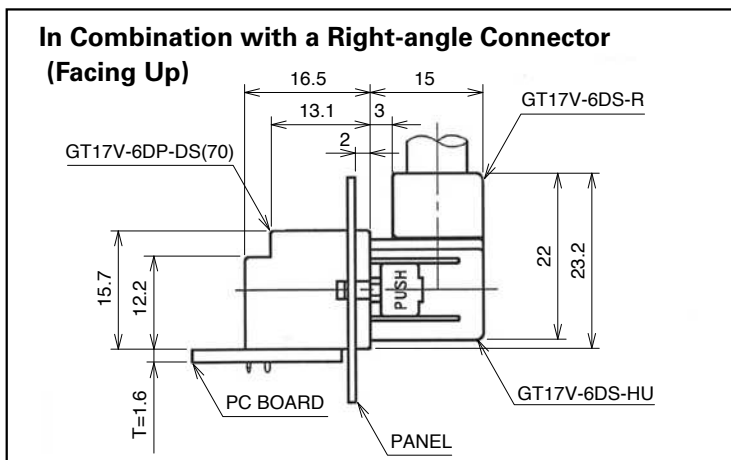# ■ 6-Conductor Printed Circuit Board Connectors

◈**By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.**

● Cable extraction facing up

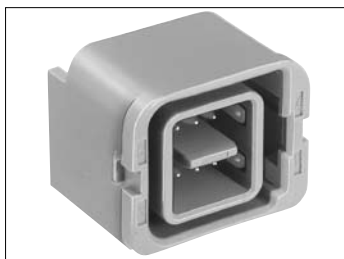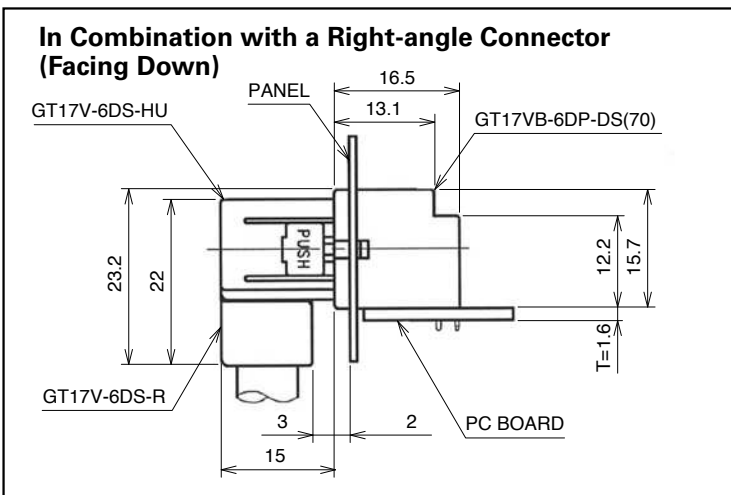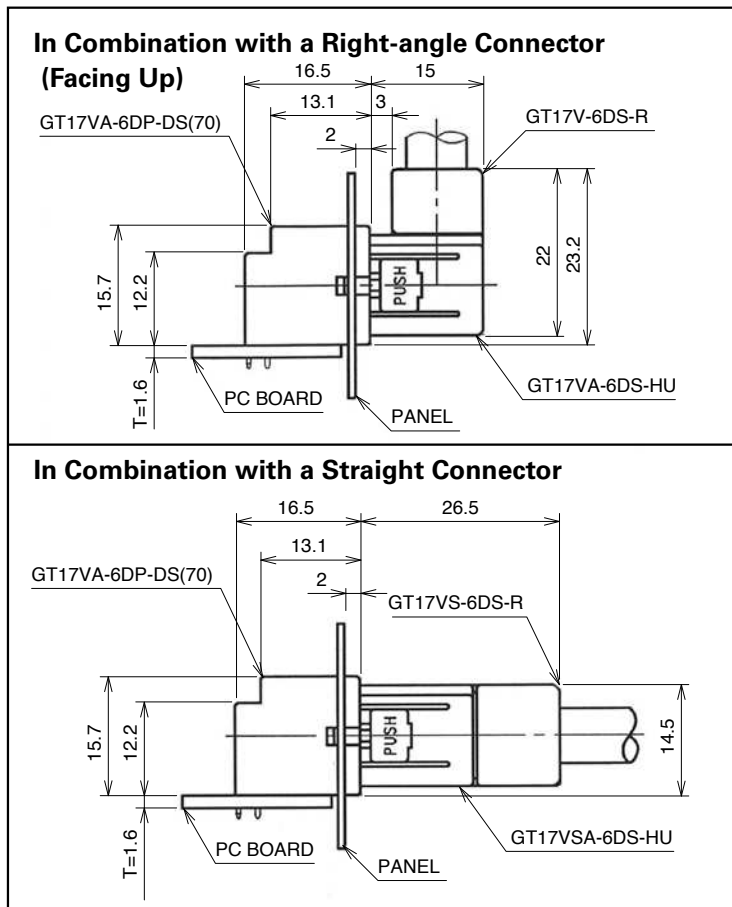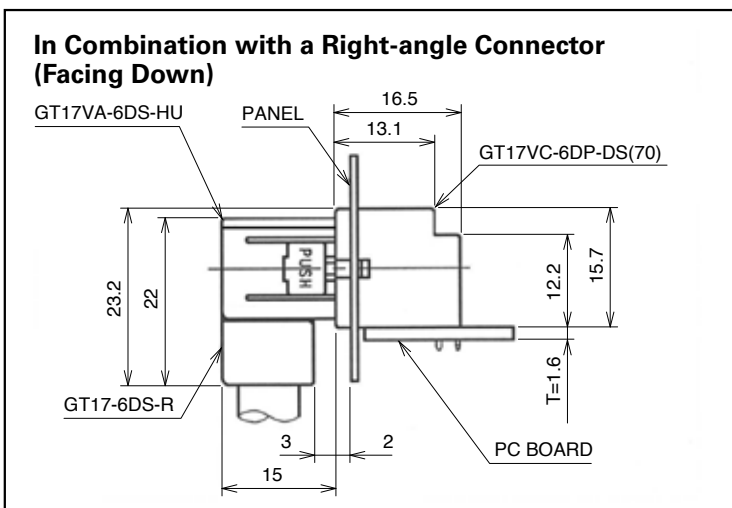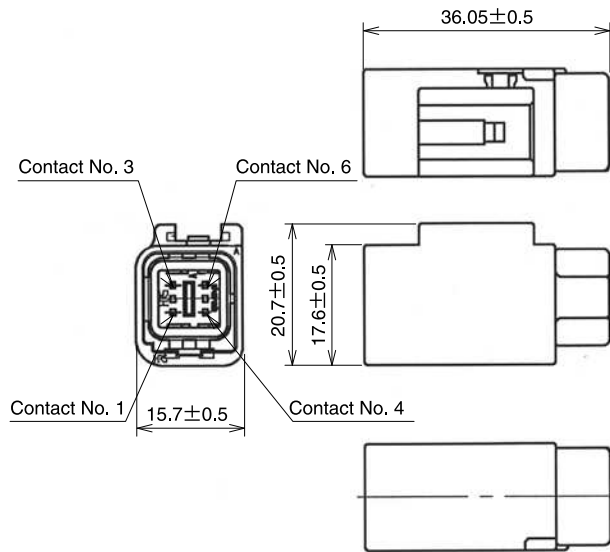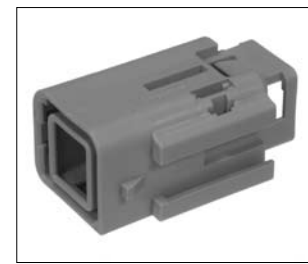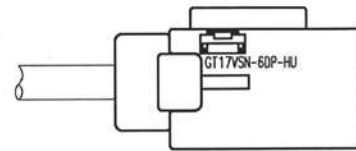| Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DP-DS(70)	767-0024-4-70	Housing: PBT/Light Gray Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES

GT17V-6DP-DS(70)

In Combination with a Right-angle Connector (Facing Up)

In Combination with a Straight Connector

● Cable extraction facing down

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VB-6DP-DS(70)	767-0032-2-70	Housing: PBT/Light Gray Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES

GT17VB-6DP-DS(70)

In Combination with a Right-angle Connector (Facing Down)

■ 6-Conductor Printed Circuit Board Connectors

◈By using each of the two differently keyed types of housing for different purposes,
incorrect insertion can be prevented.

● Cable extraction facing up

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VA-6DP-DS(70)	767-0025-7-70	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES

GT17VA-6DP-DS(70)

In Combination with a Right-angle Connector (Facing Up)

GT17VA-6DP-DS(70)
GT17V-6DS-R
GT17VA-6DS-HU
PC BOARD
PANEL

In Combination with a Straight Connector

GT17VA-6DP-DS(70)
GT17VS-6DS-R
GT17VSA-6DS-HU
PC BOARD
PANEL

● Cable extraction facing down

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VC-6DP-DS(70)	767-0033-5-70	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES

GT17VC-6DP-DS(70)

In Combination with a Right-angle Connector (Facing Down)

GT17VA-6DS-HU
PANEL
GT17VC-6DP-DS(70)
GT17-6DS-R
PC BOARD

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

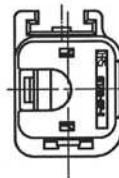Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ 6-Conductor Inline Connectors

36.05±0.5

Contact No. 3   Contact No. 6

20.7±0.5
17.6±0.5

Contact No. 1   15.7±0.5   Contact No. 4

GT17VSN-6DP-HU   **GT17VSV-6DP-HU**

◆**The product comprises 6 parts.**
(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VSN-6DP-HU	767-0077-0	PBT / Light Gray	1piece	——	YES
GT17VSV-6DP-HU	767-0128-0	PBT / Light Gray	1piece	——	

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-6DP-2C	767-0078-3	PBT / Dark Gray	1piece	——	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-6DP-5CF	767-0080-5	Copper alloy /Tin plating	1piece	Lead free, Conductor Size ϕ 4.8 to 5.2mm	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-6DP-SC	767-0079-6	Copper alloy /Tin plating	1piece	Lead free	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-6DP-R	767-0081-8	PBT / Dark Gray	1piece	——	YES

● Center terminal
Used with 6,8, and 10 conductor cable

GT17 6-Conductor Inline Connector Mounting Condition

62.6

20.7
17.6

GT17VSN-6DP-HU
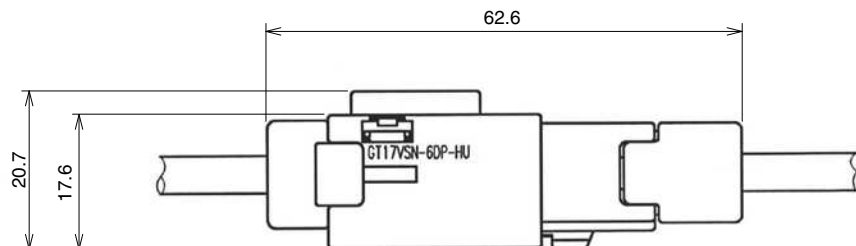
■ 8-Conductor Right-angle Connectors

◈By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.
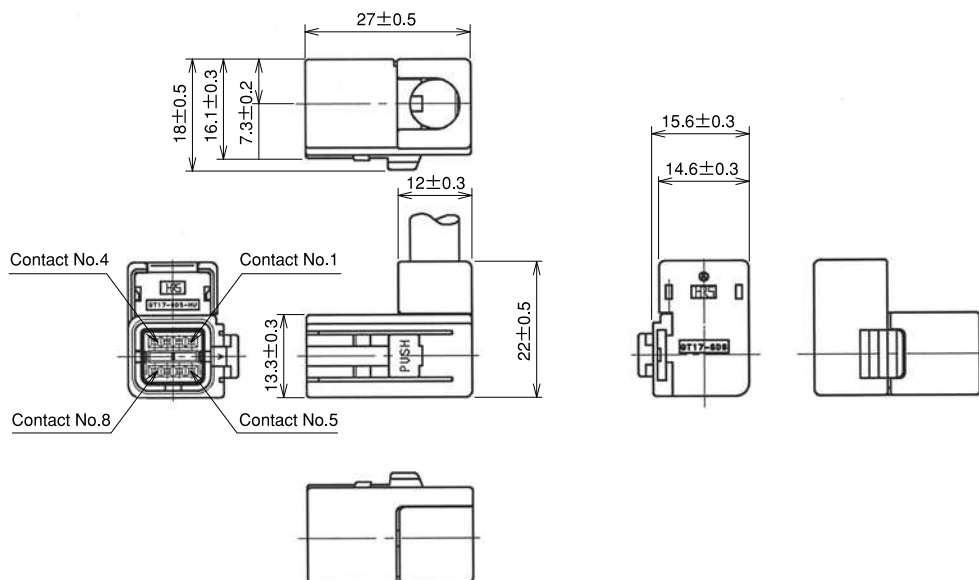
◈The product comprises 6 parts.
(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

●Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17-8DS-HU	767-0003-4	PBT / Light Gray	1piece	——	YES
GT17A-8DS-HU	767-0004-7	PBT / Black	1piece	——	

●Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17-8DS-2C	767-0005-0	PBT / Dark Gray	1piece	——	YES

●Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17-8DS-7CF(70)	767-0007-5-70	Phosphor bronze /Tin plating	1piece	Lead free, Conductor Size φ6.8 to 7.2mm	YES

●Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17-8DS-SC(70)	767-0006-2-70	Copper alloy /Tin plating	1piece	Lead free	YES

●Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17-8DS-R	767-0008-8	PBT / Dark Gray	1piece	——	YES

●Center terminal
Used with 6,8, and 10 conductor cable

◈Mating Table

| Color	Cable side connector	Boad connector
Gray	GT17-8DS-HU	GT17V-8DP-DS(Cable exit direction, up side from mounting side)
		GT17VB-8DP-DS(Cable exit direction, down side from mounting side)
Black	GT17A-8DS-HU	GT17VA-8DP-DS(Cable exit direction, up side from mounting side)
		GT17VC-8DP-DS(Cable exit direction, down side from mounting side)

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ 8-Conductor Straight Connectors

▶**By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.**

Contact No.4   Contact No.1   GT17S-8DS-R

18±0.5   16.1±0.3   7.3±0.2

13.3±0.3   13.3

Contact No.8

Contact No.5

38.5±0.5

▶**The product comprises 6 parts.**
(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17S-8DS-HU	767-0108-2	PBT / Light Gray	1piece	——	YES
GT17SA-8DS-HU	767-0109-5	PBT / Black	1piece	——	

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17-8DS-2C	767-0005-0	PBT / Dark Gray	1piece	——	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17S-8DS-7CF	767-0106-7	Copper alloy /Tin plating	1piece	Lead free, Conductor Size φ6.8 to 7.2mm	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17S-8DS-SC	767-0107-0	Copper alloy /Tin plating	1piece	Lead free	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17S-8DS-R	767-0110-4	PBT / Dark Gray	1piece	——	YES

● Center terminal

Used with 6,8, and 10 conductor cable

▶Mating Table

Color	Cable side connector	Boad connector
Gray	GT17S-8DS-HU	GT17V-8DP-DS(Cable exit direction, up side from mounting side)
		GT17VB-8DP-DS(Cable exit direction, down side from mounting side)
Black	GT17SA-8DS-HU	GT17VA-8DP-DS(Cable exit direction, up side from mounting side)
		GT17VC-8DP-DS(Cable exit direction, down side from mounting side)

8-Conductor Printed Circuit Board Connectors

● Cable extraction facing up

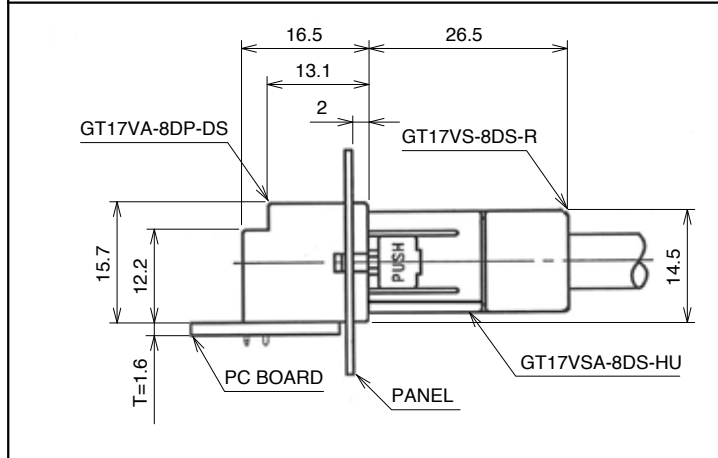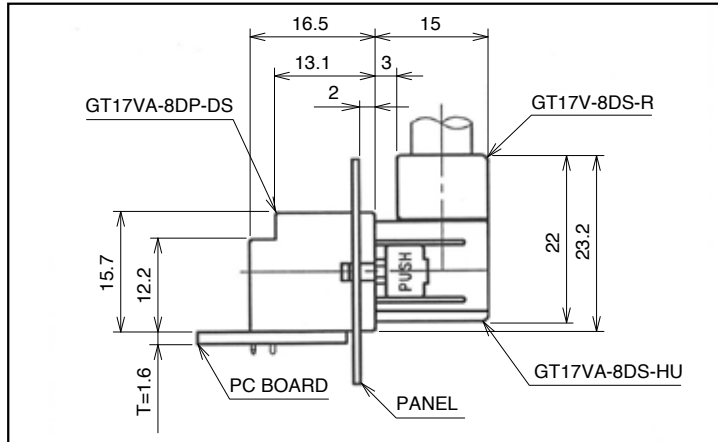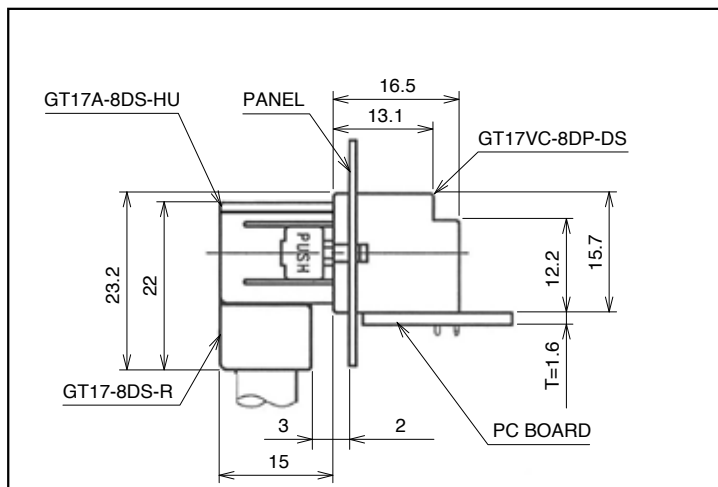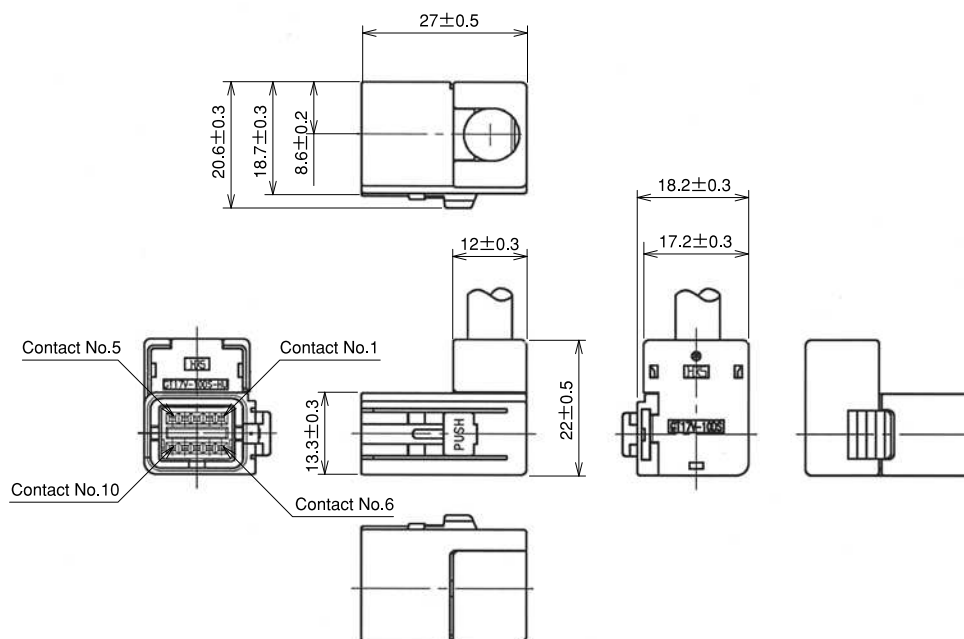| Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-8DP-DS	767-0139-6	Housing: PBT/Light Gray Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES

GT17V-8DP-DS
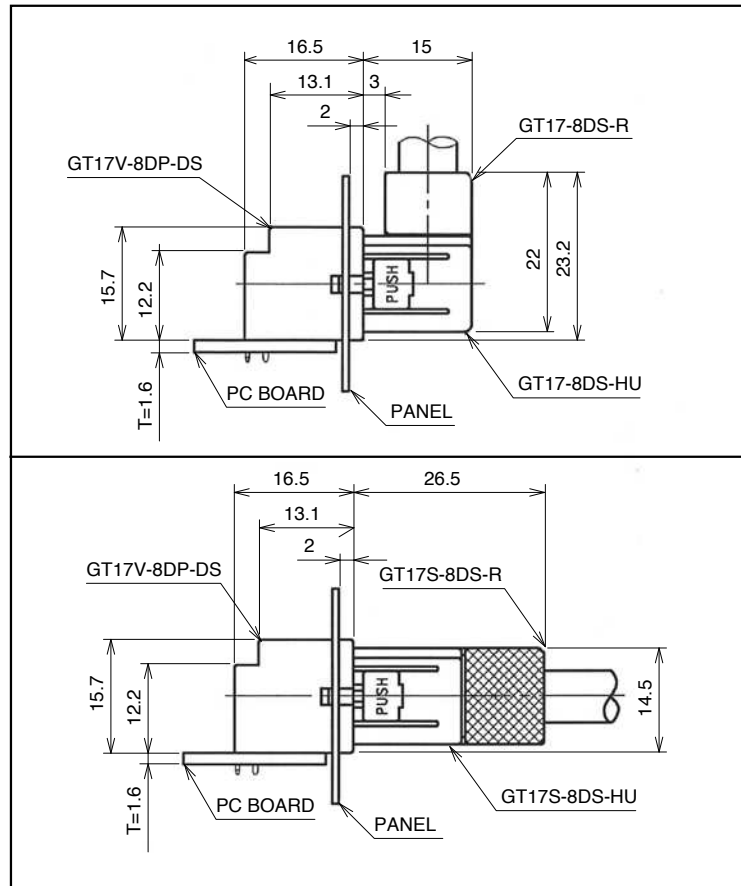
● Cable extraction facing down

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VB-8DP-DS	767-0185-3	Housing: PBT/Light Gray Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES
GT17VB-8DP-DS-SB	767-0123-6	Housing: PBT/Light Gray Center terminal/Shield case: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	
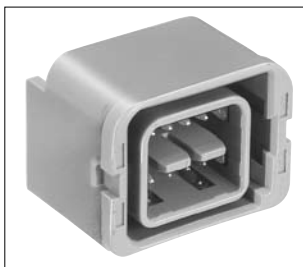
GT17VB-8DP-DS

GT17VB-8DP-DS-SB
(with enhanced shielding type)
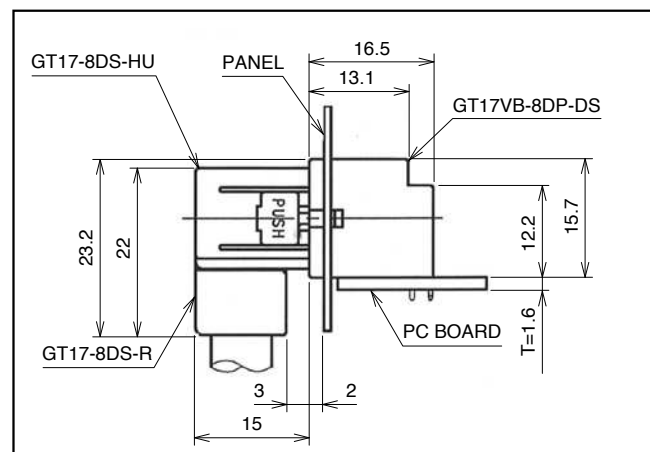
■ 8-Conductor Printed Circuit Board Connectors

● Cable extraction facing up

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VA-8DP-DS	767-0200-5	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES

GT17VA-8DP-DS

● Cable extraction facing down

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VC-8DP-DS	767-0199-8	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Lead free	YES

GT17VC-8DP-DS

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ 10-Conductor Right-angle Connectors

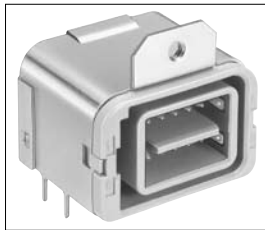◆**By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.**

27±0.5

20.6±0.3
18.7±0.3
8.6±0.2

18.2±0.3
17.2±0.3
12±0.3
22±0.5
13.3±0.3

Contact No.5   Contact No.1

Contact No.10   Contact No.6

PUSH

◆**The product comprises 6 parts.**
(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DS-HU	767-0039-1	PBT / Light Gray	1piece	——	YES
GT17VA-10DS-HU	767-0040-0	PBT / Black	1piece	——	

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DS-2C	767-0036-3	PBT / Dark Gray	1piece	——	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DS-8CF	767-0037-6	Copper alloy /Tin plating	1piece	Lead free, Conductor Size 7.5 to 8.0mm	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DS-SC	767-0038-9	Copper alloy /Tin plating	1piece	Lead free	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DS-R	767-0041-3	PBT / Dark Gray	1piece	——	YES

● Center terminal
Used with 6,8, and 10 conductor cable

◆Mating Table

Color	Cable side connector	Boad connector
Gray	GT17V-10DS-HU	GT17V-10DP-DS(70)(Cable exit direction, up side from mounting side)
		GT17V-10DP-DSA(70)(straight DIP type)
		GT17V-10DP-DS-SB(70)(Cable exit direction, up side from mounting side)
Black	GT17VA-10DS-HU	GT17VA-10DP-DS(70)(Cable exit direction, up side from mounting side)
		GT17VA-10DP-DSA(70)(straight DIP type)
		GT17VA-10DP-DS-SB(70)(Cable exit direction, up side from mounting side)

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ 10-Conductor Straight Connectors

◈**By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.**

Contact No.5　Contact No.1
Contact No.10　Contact No.6

20.6±0.3
18.7±0.3
8.6±0.2
13.3±0.3
PUSH
38.5±0.5
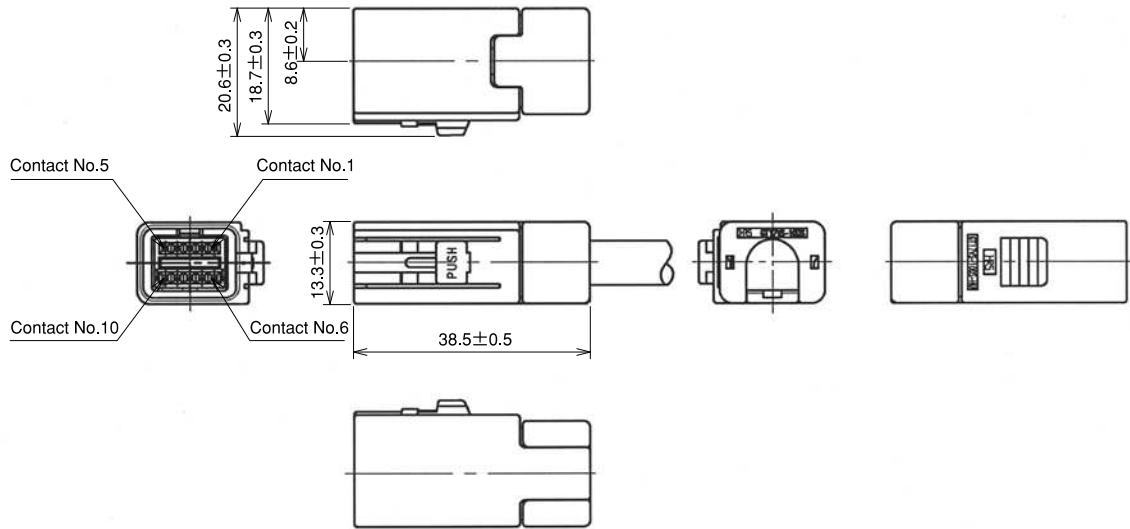
◈**The product comprises 6 parts.**

(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-10DS-HU	767-0061-0	PBT / Light Gray	1piece	——	YES
GT17VSA-10DS-HU	767-0062-3	PBT / Black	1piece	——	

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DS-2C	767-0036-3	PBT / Dark Gray	1piece	——	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-10DS-8CF	767-0059-9	Copper alloy / Tin plating	1piece	Lead free, Conductor Size 7.5 to 8.0mm	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-10DS-SC	767-0060-8	Copper alloy / Tin plating	1piece	Lead free	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS-10DS-R	767-0063-6	PBT / Dark Gray	1piece	——	YES

● Center terminal

Used with 6,8, and 10 conductor cable

◈Mating Table

Color	Cable side connector	Boad connector
Gray	GT17VS-10DS-HU	GT17V-10DP-DS(70)
		GT17V-10DP-DSA(70)
		GT17V-10DP-DS-SB(70)
Black	GT17VSA-10DS-HU	GT17VA-10DP-DS(70)
		GT17VA-10DP-DSA(70)
		GT17VA-10DP-DS-SB(70)

■ 10-Conductor Printed Circuit Board Connectors

◈By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.

● Right-angle type

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DP-DS(70)	767-0034-8-70	Housing: PBT/Light Gray Center terminal: Brass /Tin plating Outer tube terminal: Copper alloy /Tin plating	1piece	——	YES
GT17V-10DP-DS-SB(70)	767-0069-2-70	Housing: PBT/Light Gray Center terminal/Shield case: Brass /Tin plating Outer tube terminal: Copper alloy /Tin plating	1piece	Products with enhanced shielding	

GT17V-10DP-DS(70)

GT17V-10DP-DS-SB(70)

(with enhanced shielding type)
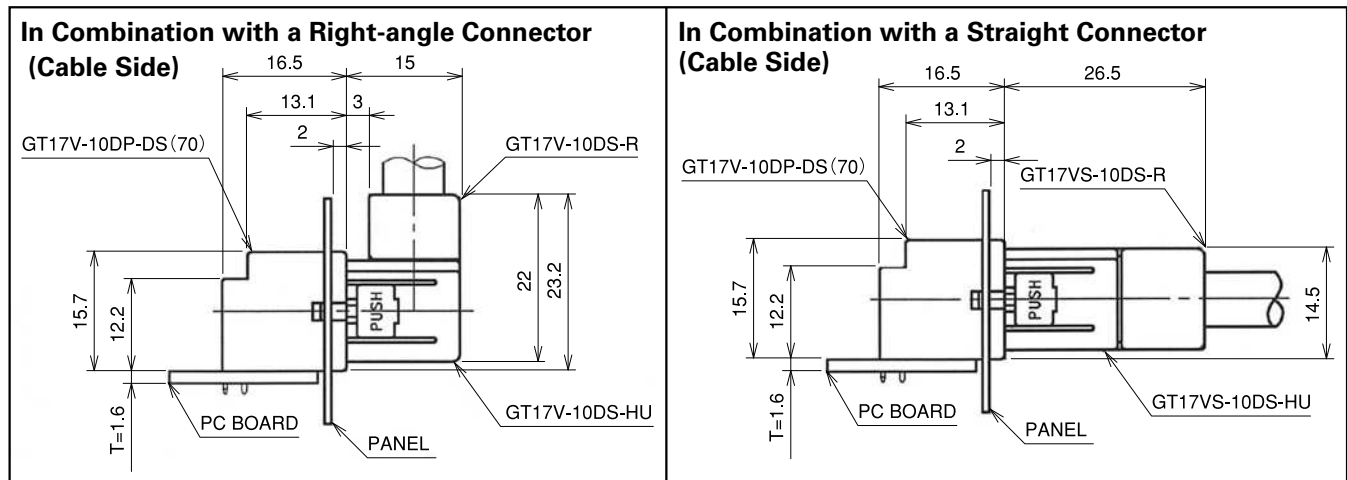
In Combination with a Right-angle Connector (Cable Side)

GT17V-10DP-DS(70)
GT17V-10DS-R
GT17V-10DS-HU
PC BOARD
PANEL
16.5   15
13.1   3
2
22   23.2
15.7   12.2
T=1.6

In Combination with a Straight Connector (Cable Side)

GT17V-10DP-DS(70)
GT17VS-10DS-R
GT17VS-10DS-HU
PC BOARD
PANEL
16.5   26.5
13.1
2
15.7   12.2
14.5
T=1.6

● Straight-type

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DP-DSA(70)	767-0067-7-70	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	——	YES
GT17V-10DP-DSA-SB	767-0154-0	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	——	
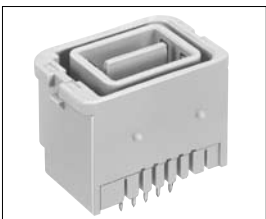
GT17V-10DP-DSA(70)

(with enhanced shielding type)

GT17V-10DP-DSA-SB
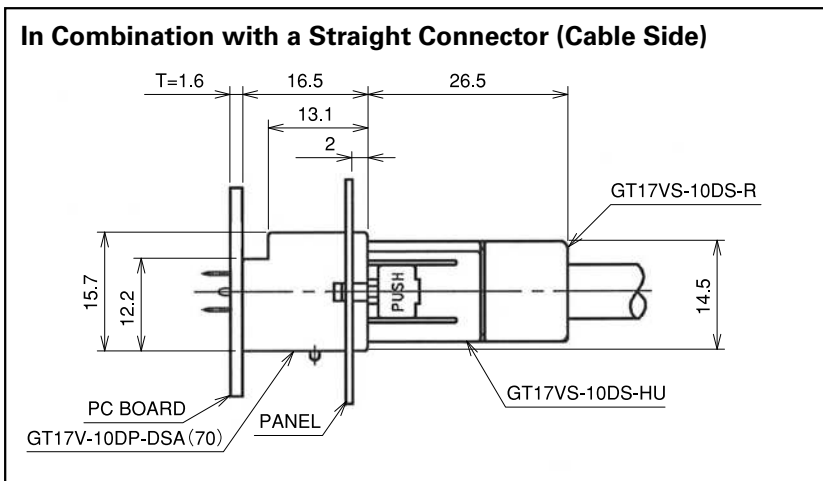
In Combination with a Straight Connector (Cable Side)

GT17VS-10DS-R
GT17VS-10DS-HU
PC BOARD
PANEL
GT17V-10DP-DSA(70)
T=1.6   16.5   26.5
13.1
2
15.7   12.2
14.5

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22
Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ 10-Conductor Printed Circuit Board Connectors

◆**By using each of the two differently keyed types of housing for different purposes, incorrect insertion can be prevented.**

● Right-angle type

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VA-10DP-DS(70)	767-0035-0-70	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	——	YES
GT17VA-10DP-DS-SB(70)	767-0070-1-70	Housing: PBT/Black Center terminal/Shield case: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	Products with enhanced shielding	

GT17VA-10DP-DS(70)

(with enhanced shielding type)
GT17VA-10DP-DS-SB(70)

In Combination with a Right-angle Connector (Cable Side)

16.5   15
13.1   3
2
GT17VA-10DP-DS（70）
GT17V-10DS-R
15.7
12.2
22
23.2
PUSH
T=1.6
PC BOARD
PANEL
GT17VA-10DS-HU

In Combination with a Straight Connector (Cable Side)

16.5   26.5
13.1
2
GT17VA-10DP-DS（70）
GT17VS-10DS-R
15.7
12.2
14.5
PUSH
T=1.6
PC BOARD
PANEL
GT17VSA-10DS-HU

● Straight-type

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V-10DP-DSA(70)	767-0067-0-70	Housing: PBT/Black Center terminal: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	——	YES
GT17V-10DP-DSA-SB	767-0154-0-00	Housing: PBT/Black Center terminal/Shield case: Brass /Tin plating Outer terminal: Copper alloy /Tin plating	1piece	——	

GT17VA-10DP-DSA(70)

(with enhanced shielding type)
GT17VA-10DP-DSA-SB

In Combination with a Straight Connector (Cable Side)

T=1.6   16.5   26.5
13.1
2
GT17VS-10DS-R
15.7
12.2
14.5
PUSH
PC BOARD
GT17VA-10DP-DSA（70）
PANEL
GT17VSA-10DS-HU

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22
Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

HRS
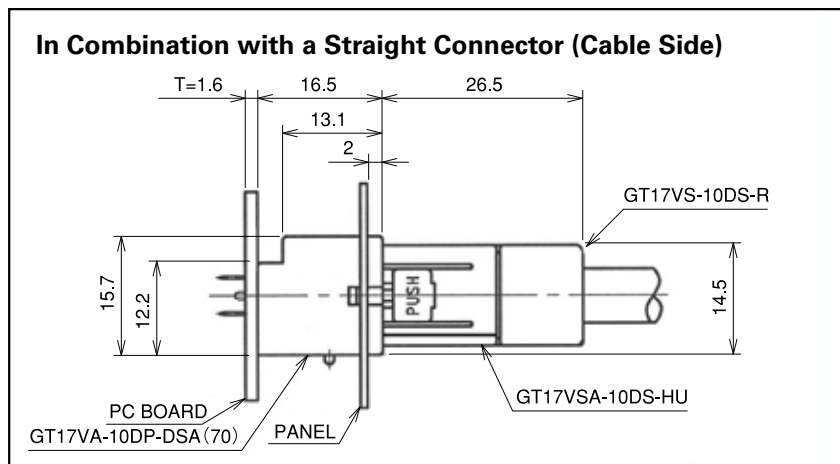
■ 10-Conductor Inline Connectors
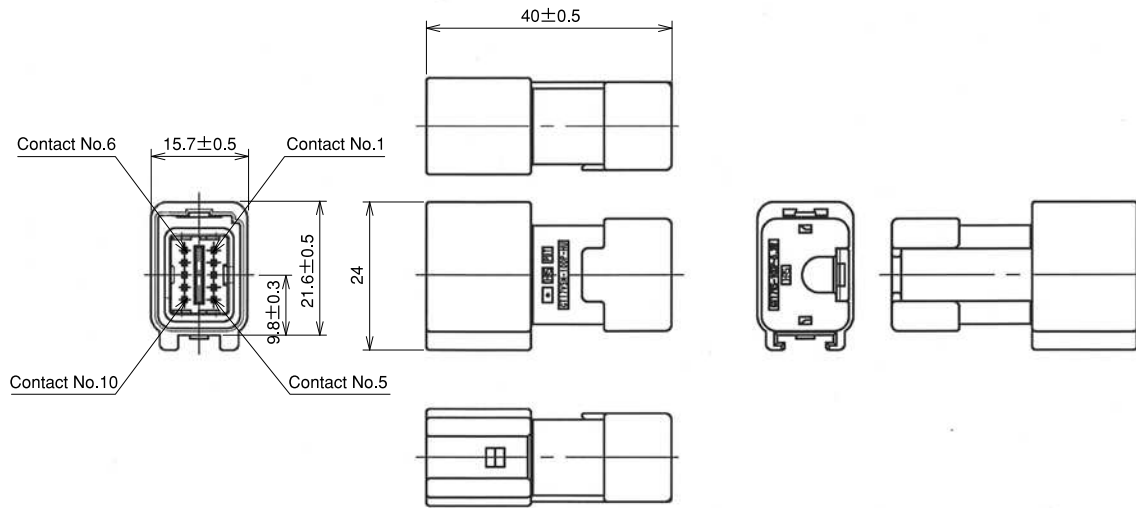
◆**The product comprises 6 parts.**
(Housing, insulator case, outer terminal, shield plate, retainer, and center terminal)

●Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VSN‑10DP-HU	767-0115-8	PBT / Light Gray	1piece	——	YES

●Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17V‑10DP-2C	767-0112-0	PBT / Dark Gray	1piece	——	YES

●Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS‑10DP-5.2CF	767-0114-5	Copper alloy /Tin plating	1,224pcs/pack	Lead free	YES
GT17VS‑10DP-8CF	767-0130-1	Copper alloy /Tin plating	1,224pcs/pack	Lead free	

●Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS‑10DP-SC	767-0113-2	Copper alloy /Tin plating	1,224pcs/pack	Lead free	YES

●Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17VS‑10DP-5.2R	767-0111-7	PBT / Dark Gray	1piece	——	YES
GT17VS‑10DP-8R	767-0131-4	PBT / Dark Gray	1piece	——	

●Center terminal

Used with 6,8, and 10 conductor cable
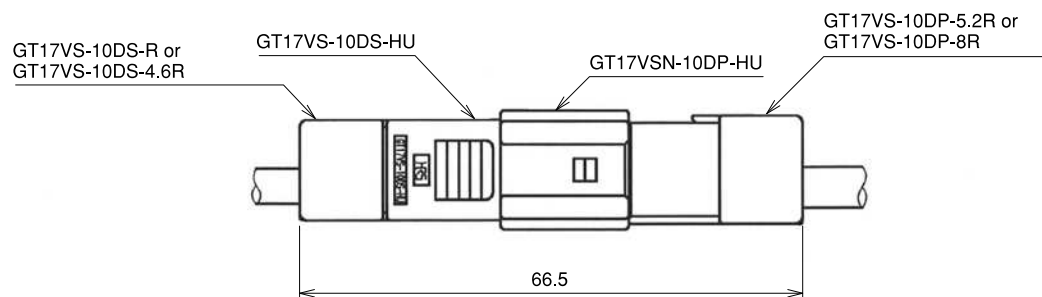
◆**Fully mated connector assemblies**

115

◆Wiring Method

① **Strip the Jacket.**

Outside shield   Jacket
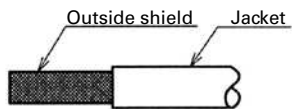
② **Cut the shield and intermediate material to expose the wire and braid.**
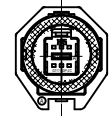
Drain wire

Signal wires
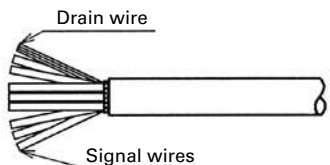
③ **Bend back the drain wire over the Jacket.**

Drain wire
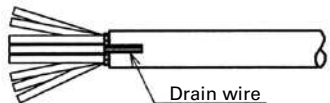
④ **Wrap with conductive tape.**

Conductive tape
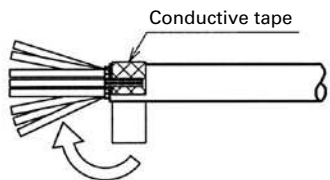
⑤ **Strip the wire leads.**

Wire
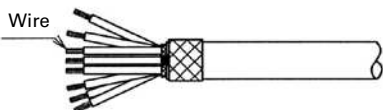
⑥ **Crimp the center terminals.**
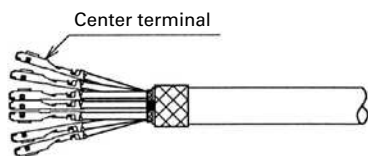
Center terminal

⑦ **Insert the center terminals into the insulator.**
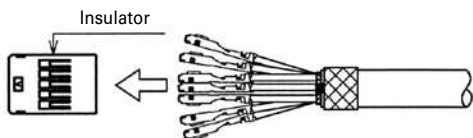
Insulator

GT17V-10DS-HU Harness Finish

⑧ **Insert the insulator into the Outer terminal.**
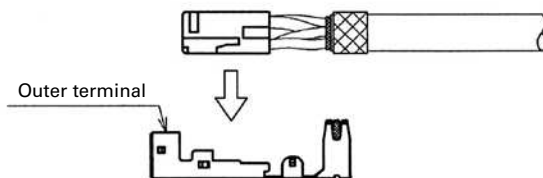
Outer terminal

⑨ **Insert the Shield Cover.**

Shield Cover
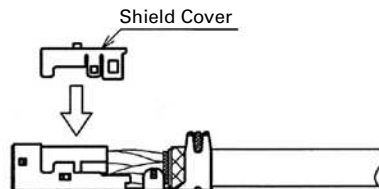
⑩ **Fold back the Outer terminal.**
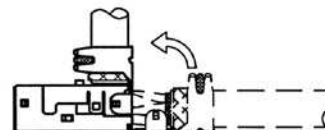
⑪ **Crimp the Outer terminal.**
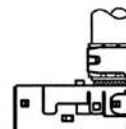
⑫ **Insert the Outer terminal into the housing.**

Housing

⑬ **Insert the retainer.**

Retainer
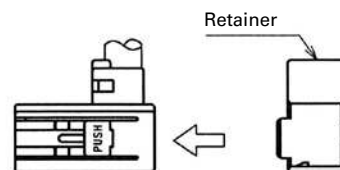
⑭ **Completion**
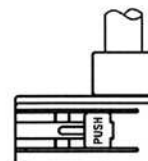
*Crimp height setting tables are available for each cable type. Please contact your nearest Hirose Electric account representative.
Different cables will require different crimp height settings.

HRS

GT17VS-10DS-HU Harness Finish

⑧ **Insert the insulator into the Outer terminal.**
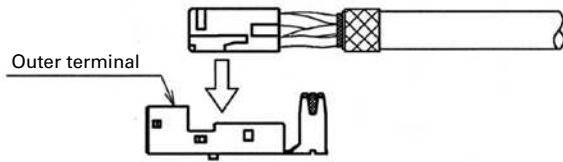
Outer terminal

⑨ **Crimp the Outer terminal.**
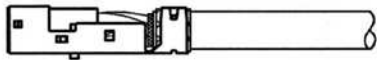
⑩ **Insert the Shield Cover.**

Shield Cover
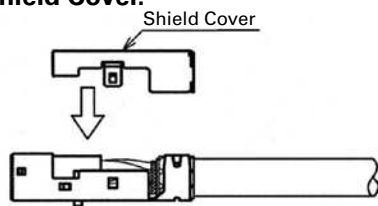
⑪ **Insert the Outer terminal into the housing.**
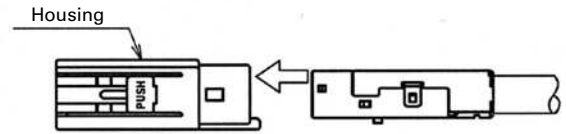
Housing

⑫ **Insert the retainer.**

Retainer
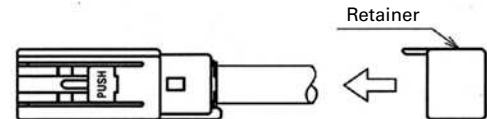
⑬ **Completion**

GT 5

GT 13

GT 16

PO5G

GT 11

GT 17 Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

GT 19

GT 26

GT 27

GT 3

GT 6W

GT 7

GT 10

GT 18W

GT 15

GT 8

GT 9

GT 25

GT 22

HRS

■ 6-Conductor In-line Type (Waterproof Type)

● F Connectors
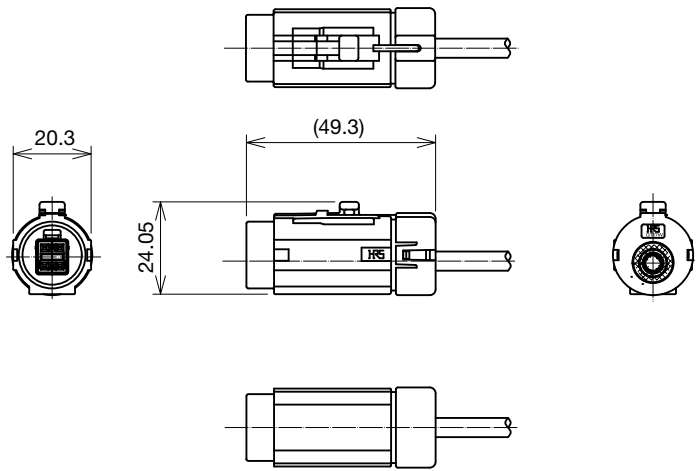
20.3

(49.3)

24.05

◆The product comprises 6 parts.
(Housing, insulator, outer terminal, shield plate, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17W-6S-HU	767-0214-0	PBT / Light Gray	1piece	YES

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17V-6DS-2C	767-0026-0	PBT / Dark Gray	1piece	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17VS-6DS-5CF	767-0050-4	Copper alloy /Tin plating	1piece	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17VS-6DS-SC	767-0049-5	Copper alloy /Tin plating	1piece	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17W-1P/S-R	767-0216-5	PBT / Dark Gray Silicon/Whight	1piece	YES

● Center terminal

Used with 6,8 and 10.

■ M Connectors
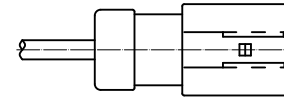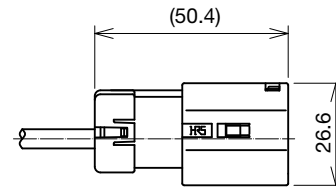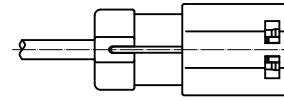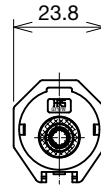
GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

23.8   (50.4)   26.6

◈**The product comprises 6 parts.**

(Housing, insulator, outer terminal, shield plate, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17W‑6PP/HU	767‑0215‑2	PBT / Light Gray Silicon/Whight	1piece	YES

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17V‑6DP-2C	767‑0078‑3	PBT / Dark Gray	1piece	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17VS‑6DP-5CF	767‑0080‑5	Copper alloy /Tin plating	1piece	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17VS‑6DP-SC	767‑0079‑6	Copper alloy /Tin plating	1piece	YES

● Shield plate

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17W‑1P/S-R	767‑0216‑5	PBT / Dark Gray Silicon/Whight	1piece	YES

● Center terminal

Used with 6,8 and 10.

■ 4-Conductor Right-angle Connector(1 Row type)

Key variation

Standard	Key A	Key B	Key C
Light Gray	Brown	Green	Blue
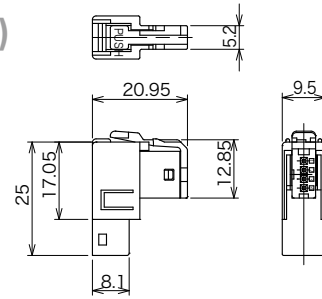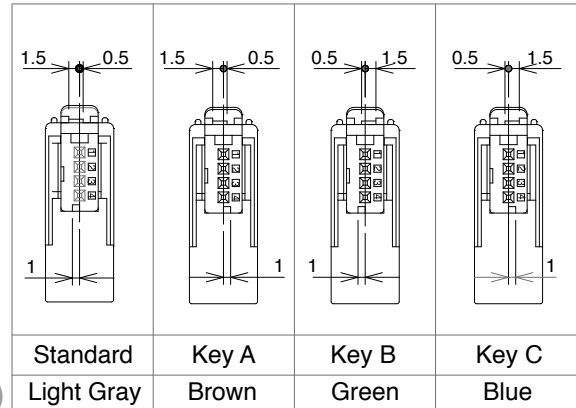
◈The product comprises 5 parts.
(Housing, insulator, outer terminal, retainer, center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17H-4S-HU	767-0085-9	PBT / Dark Gray	1piece	——	YES

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17H-4S-2C	767-0084-6	PBT / Light Gray	1piece	——	YES
GT17H-4S-2C(A)	767-0167-1	PBT / Brown	1piece		
GT17H-4S-2C(B)	767-0168-4	PBT / Green	1piece		
GT17H-4S-2C(C)	767-0169-7	PBT /Blue	1piece		

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17H-4S-5CF	767-0027-2	Copper alloy /Tin plating	1piece	——	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	Remarks	RoHS
GT17H-4S-R	767-0086-1	PBT / Dark Gray	1piece	——	YES

● Center terminal

Part Number	HRS No.	Material / Finish or Color	Conductor Size(AWG)	Remarks	RoHS
GT8-2428SCF(70)	758-0001-8-70	Phosphor Bronze /Tin plating	#24 to #28	10,000 pcs/reel	YES

◈Mating Table

Color	Cable side connector	Board connectors		
		SMT Type	DIP Type	
			Angle Type	Straight Type
Gray	GT17H-4S-ASSY	GT17H-4P-2H	GT17H-4P-2DS	GT17H-4P-2DSA
Brown	GT17H-4S-ASSY(Key TypeA)	GT17H-4P-2H(A)	GT17H-4P-2DS(A)	GT17H-4P-2DSA(A)
Green	GT17H-4S-ASSY(Key TypeB)	GT17H-4P-2H(B)	GT17H-4P-2DS(B)	GT17H-4P-2DSA(B)
Blue	GT17H-4S-ASSY(Key TypeC)	GT17H-4P-2H(C)	GT17H-4P-2DS(C)	GT17H-4P-2DSA(C)

◆ Wiring Method (4-Conductor Right-angle 1 Row Type)
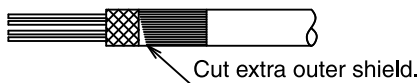
① **Strip Jacket.**

Outer shield   Jacket
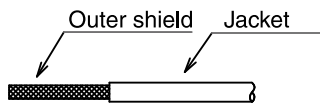
② **Turn Outer shield to Backward.**
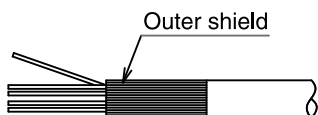
Outer shield

③ **Cover the cable by conductive tape.**
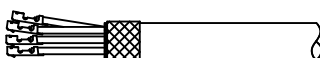
Conductive tape
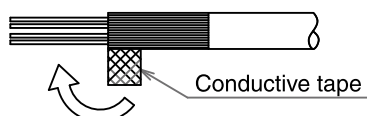
④ **Cut extra outer shield.**
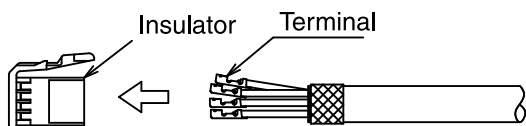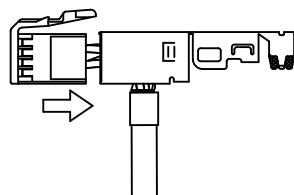
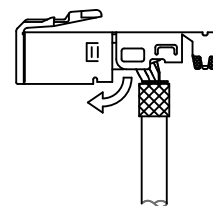Cut extra outer shield.

⑤ **Strip Jacket.**

⑥ **Crimp the terminal.**
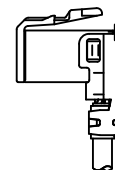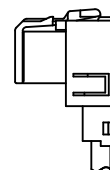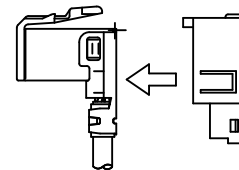
⑦ **Insert terminal to the insulator.**

Insulator   Terminal

⑧

⑨ **Bent the outer tube terminal 90.**

⑩ **Crimp the outer tube terminal.**

⑪ **Insert the assembled outer tube terminal to the housing.**

⑫ **Set the Retainer.**
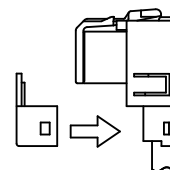
* Concerning the crimp height of terminals, crimp height settings have been prepared for each type of cable. Please contact a Hirose Electric account representative for further information.
  Please note that new crimp height settings will be made for new cables and that this might take several days.
  terminal insertion jig(GT17-45/PR-MD)

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ 4-Conductor Straight Connectors (1 Row type)

8.7
5.2
30.95
7.9
φ8.3
12.85

Key variation

1.5 0.5	1.5 0.5	0.5 1.5	0.5 1.5
1	1	1	1
Standard	Key A	Key B	Key C
Light Gray	Brown	Green	Blue
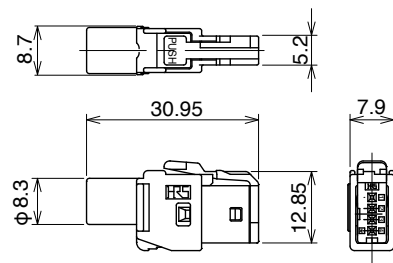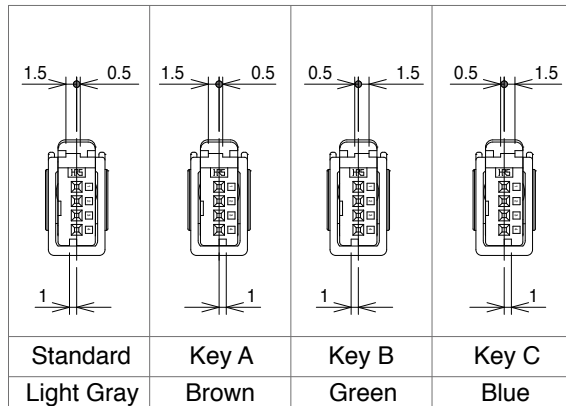
◆The product comprises 4 parts.
(Housing, insulator, outer terminal, center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17HS-4S-HU	767-0133-0	PBT / Dark Gray	1piece	YES

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17H-4S-2C	767-0084-6	PBT / Light Gray	1piece	
GT17H-4S-2C(A)	767-0167-1	PBT / Brown	1piece	
GT17H-4S-2C(B)	767-0168-4	PBT / Green	1piece	YES
GT17H-4S-2C(C)	767-0169-7	PBT /Blue	1piece	

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17HS-4S-5CF	767-0135-5	Copper alloy /Tin plating	1piece	YES

● Center terminal

Part Number	HRS No.	Material / Finish or Color	Conductor Size(AWG)	Remarks	RoHS
GT8-2428SCF(70)	758-0001-8-70	Phosphor Bronze /Tin plating	#24 to #28	10,000 pcs/reel	YES

◆Mating Table

Color	Cable side connector	Board connector		
		SMT Type	DIP Type	
			Angle Type	Straight Type
Gray	GT17H-4S-ASSY	GT17H-4P-2H	GT17H-4P-2DS	GT17H-4P-2DSA
Brown	GT17H-4S-ASSY(Key TypeA)	GT17H-4P-2H(A)	GT17H-4P-2DS(A)	GT17H-4P-2DSA(A)
Green	GT17H-4S-ASSY(Key TypeB)	GT17H-4P-2H(B)	GT17H-4P-2DS(B)	GT17H-4P-2DSA(B)
Blue	GT17H-4S-ASSY(Key TypeC)	GT17H-4P-2H(C)	GT17H-4P-2DS(C)	GT17H-4P-2DSA(C)

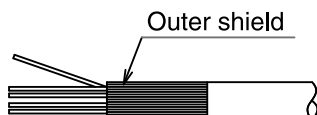# ◈ Wiring Method (4-Conductor Straight 1 RowType)
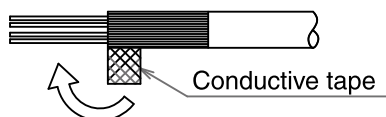
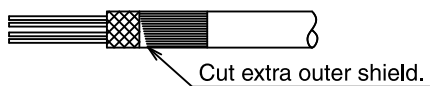① **Insert housing to the cable.**

② **Strip Jacket.**
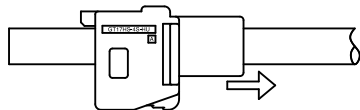
Outer shield   Jacket
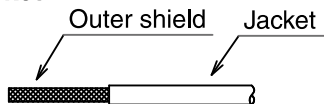
③ **Turn Outer shield to backward.**

Outer shield

④ **Cover the cable by conductive tape.**
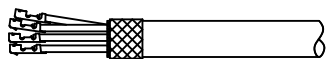
Conductive tape

⑤ **Cut extra outer shield.**
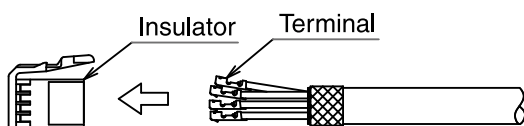
Cut extra outer shield.

⑥ **Strip Jacket.**
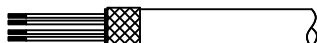
⑦ **Crimp the terminal.**
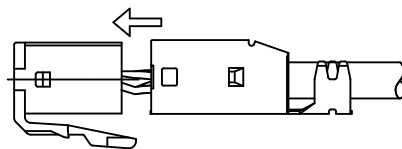
⑧ **Insert terminal to the Insulator.**
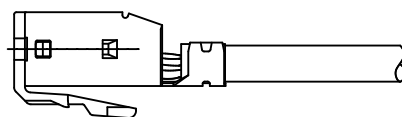
Insulator   Terminal
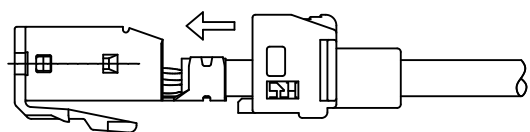
⑨ **Set outer tube terminal to the insulator.**
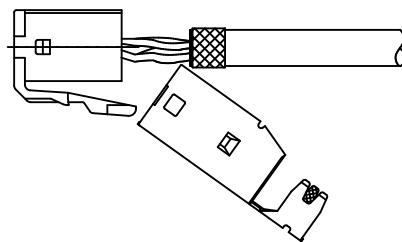
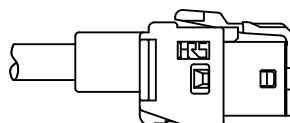⑩ **Set outer tube terminal to the insulator.**

⑪ **Crimp outertube terminal.**

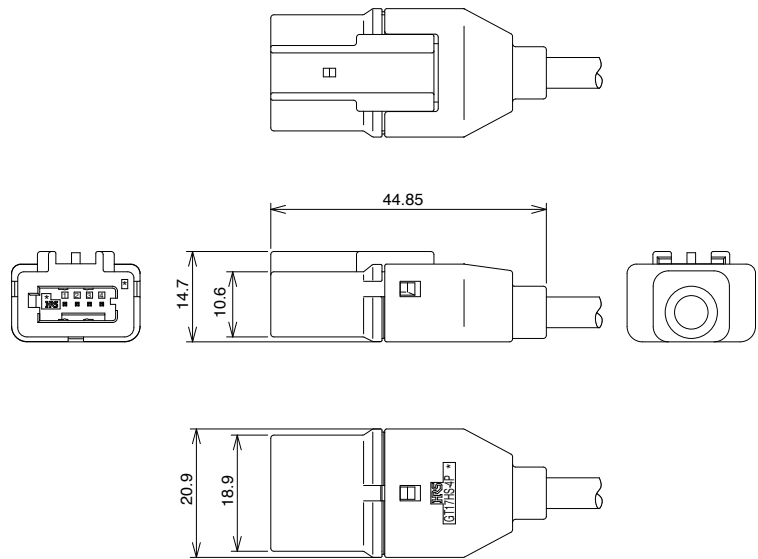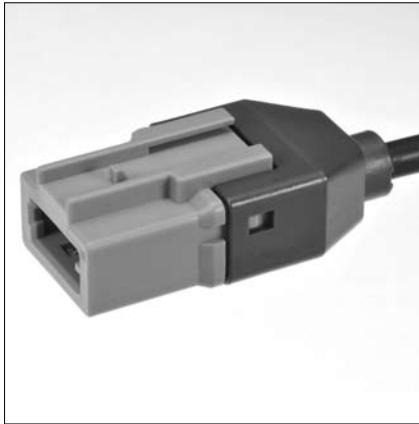⑫ **Slide up housing to outer tube terminal.**

⑬ **Finish.**

* Concerning the crimp height of terminals, crimp height settings have been prepared for each type of cable. Please contact a Hirose Electric account representative for further information.
  Please note that new crimp height settings will be made for new cables and that this might take several days.
  terminal insertion jig(GT17-45/PR-MD)

GT 5
GT 13
GT 16
PO5G
GT 11
GT 17
GT 19
GT 26
GT 27
GT 3
GT 6W
GT 7
GT 10
GT 18W
GT 15
GT 8
GT 9
GT 25
GT 22

Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

■ 4-Conductor In-line Connectors (1 Row type)

44.85

14.7

10.6

20.9

18.9

◆The product comprises 6 parts.

(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17HSP-4P-HU	767-0158-0	PBT / Light Gray	1piece	YES

● Insulator

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17HS-4P-2C	767-0155-2	PBT / Light Gray	1piece	YES

● Outer terminal

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17HS-4P-5CF	767-0156-5	Copper alloy / Tin plating	800pcs/reel	YES

● Shield

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17HS-4P-SC	767-0157-8	Copper alloy / Tin plating	1piece	YES

● Retainer

Part Number	HRS No.	Material / Finish or Color	Packaging	RoHS
GT17HS-4P-R	767-0159-3	PBT / Dark Gray	1piece	YES

● Center terminal

Part Number	HRS No.	Material / Finish or Color	Conductor Size(AWG)	Remarks	RoHS
GT8E-2428PCF	758-0067-6	Phosphor Bronze / Tin plating	#24 to #28	10,000 pcs/reel	YES

1.5 1.5 0.5 1	0.5 0.5 1.5 1
Standard	Key B
Light Gray	Green
1.5 0.5 1	0.5 1.5 1
Key A	Key C
Brawn	Blue
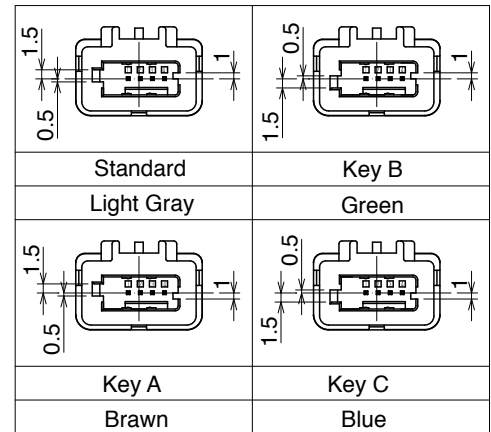
◆Mating Table

Color	GT17HS-4Pos In-line connector	Cable side F connector
Gray	GT17HSP-4P-ASSY	GT17H-4S-ASSY
Brown	GT17HSP-4P-ASSY(Key Type A)	GT17H-4S-ASSY(Key Type A)
Green	GT17HSP-4P-ASSY(Key Type B)	GT17H-4S-ASSY(Key Type B)
Blue	GT17HSP-4P-ASSY(Key Type C)	GT17H-4S-ASSY(Key Type C)

HRS