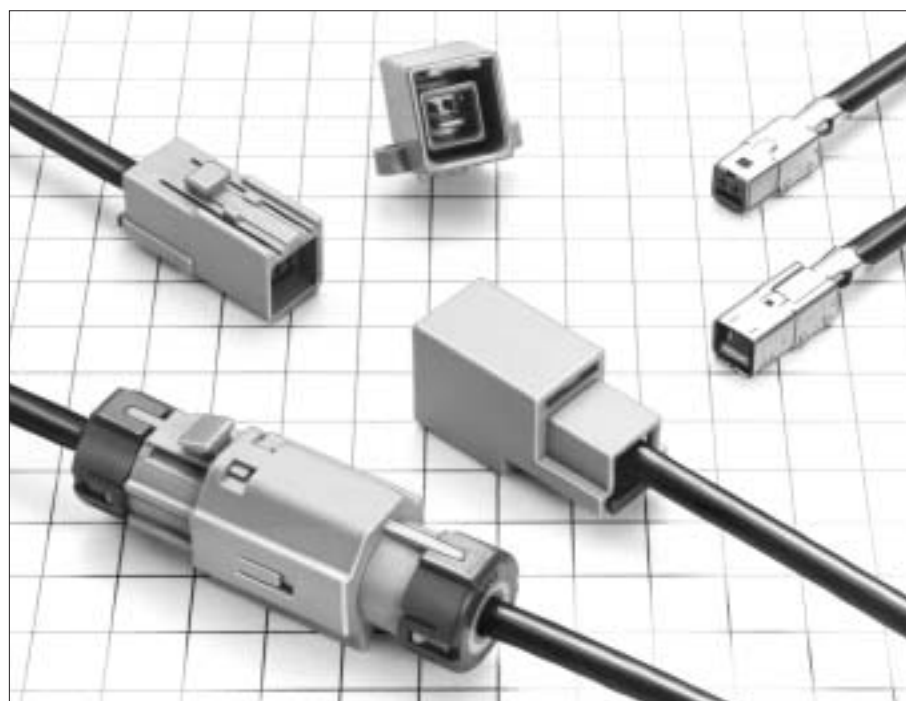


## Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

# GT14 Series

— Connectors for coaxial cables —

<Several types and configurations: In-line, board mounted, water-proof>



### ■ Features

- The signal lines use pressure welding wiring and the shielded braid uses crimp wiring to permit batch wiring which enables a great reduction in the number of tasks.
- All surface shielded construction.

### ■ Applications

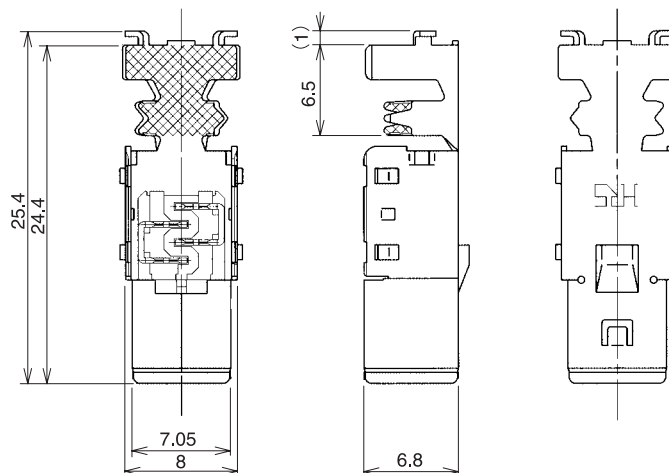
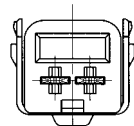
In-car LAN, sensors, etc.

## GT14 Series

### Terminals for 2-Conductor Shielded Cable

#### F Connectors

##### ● F Terminals

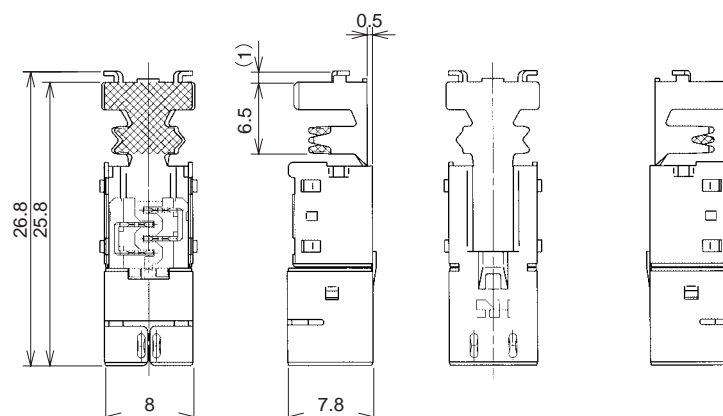
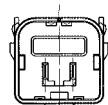


Part Number	CL No.	Wire Size	Inner Insulation Diameter	Outer Diameter
GT14-20/3.8-4.8SC	764-0013-9	0.5 mm <sup>2</sup>	3.5 to 3.7 mm	4.6 to 5.0
GT14-22/3.4-4.4SC	—	0.3 mm <sup>2</sup>	3.1 to 3.3 mm	4.2 to 4.6

Item	Material	Finish	Color
Insulator	PBT	—	Dark gray
IDC Terminal	Beryllium Copper	Tin plating	—
Outer Terminal	Brass	Tin plating	—

#### M Terminals

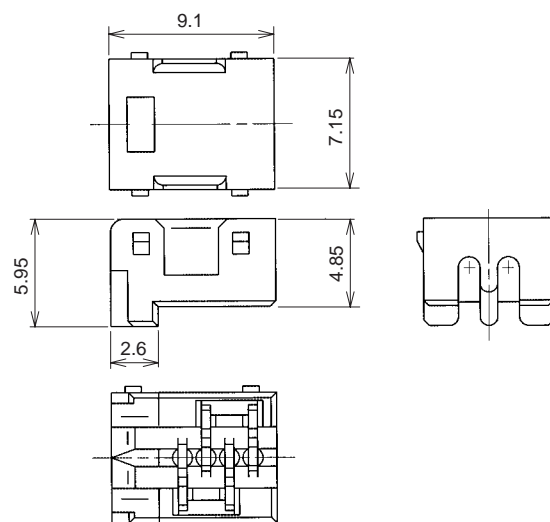
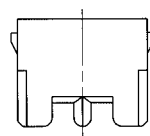
##### ● M Terminals



Part Number	CL No.	Wire Size	Inner Insulation Diameter	Outer Diameter
GT14-20/3.8-4.8PC	764-0012-6	0.5 mm <sup>2</sup>	3.5 to 3.7 mm	4.6 to 5.0
GT14-22/3.4-4.4PC	—	0.3 mm <sup>2</sup>	3.1 to 3.3 mm	4.2 to 4.6

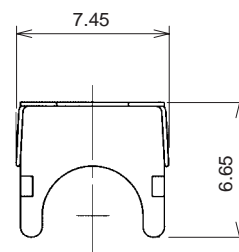
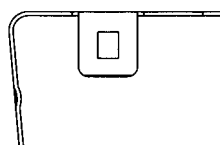
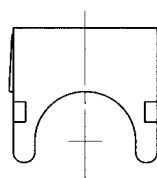
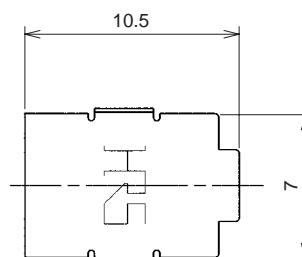
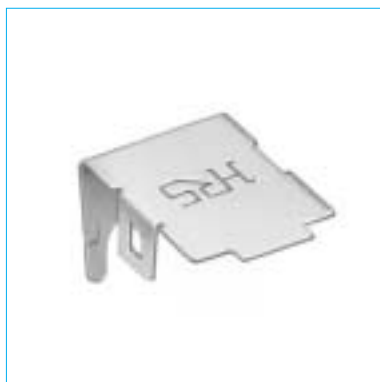
Item	Material	Finish	Color
Insulator	PBT	—	Dark gray
IDC Terminal	Beryllium Copper	Tin plating	—
Outer Terminal	Brass	Tin plating	—

##### ● Protectors (Used with both male and female)



Part Number	CL No.	Outer Diameter	Material	Color
GT14-1.3PT	764-0007-6	1.3 mm	PBT	Dark gray
GT14-1.1PT	—	1.1 mm	PBT	Dark gray

● Shield Cover (Used with both male and female)



Part Number	CL No.	Material	Finish
GT14-SB	764-0006-3	Brass	Tin plating

\* Use of this product provides better shielding effectiveness.

■ Applicable Cable

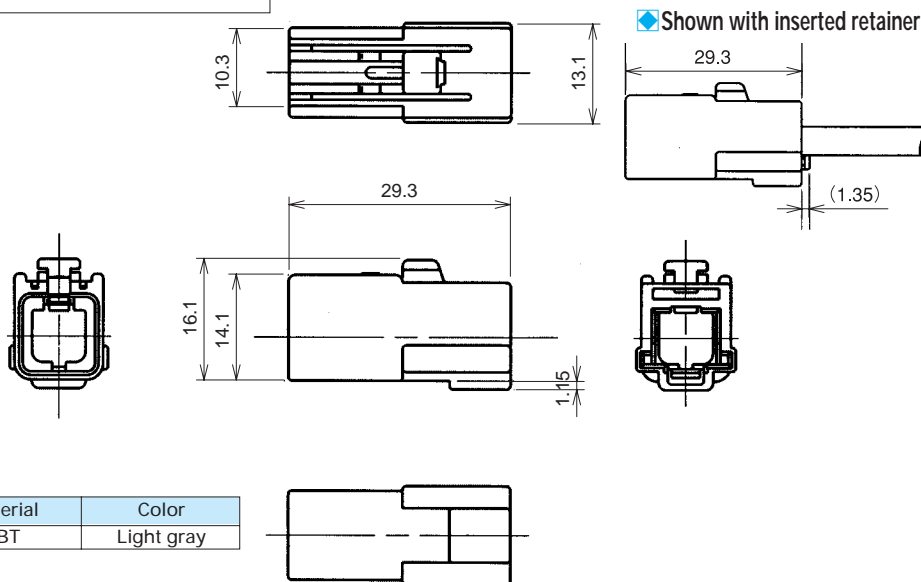
Manufacturer	Name	Wire size	Remarks
Hitachi Cable, Ltd.	CAVUS-SW2 X 0.5 mm <sup>2</sup> Hitachi Part Number SP60-12637	0.5mm <sup>2</sup>	—
Hitachi Cable, Ltd.	CAVUS-VX-SW2 X 0.5 mm <sup>2</sup> Hitachi Part Number SP60-12667Y	0.5mm <sup>2</sup>	Heat resistant cable for water proof connector

## GT14 Series

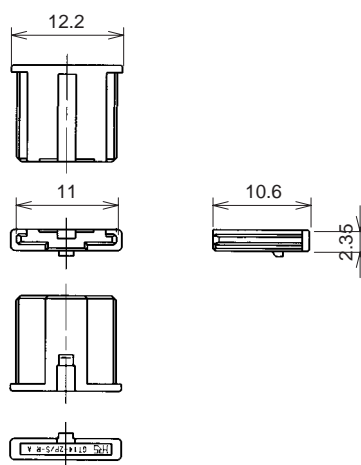
### For Double-Conductor coaxial shielded cable

#### F Connectors

##### ● Housing

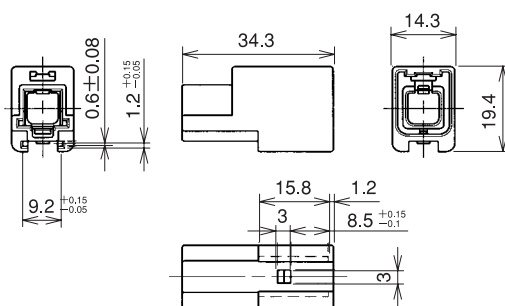
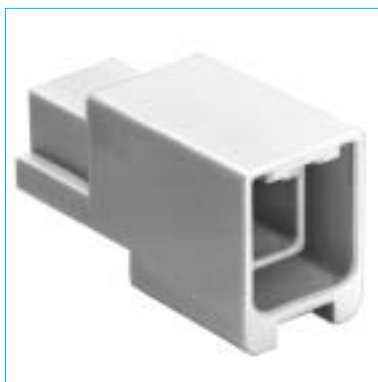


##### ● Retainer (Used with GT14-2S-HU and GT14-2PP-HU)

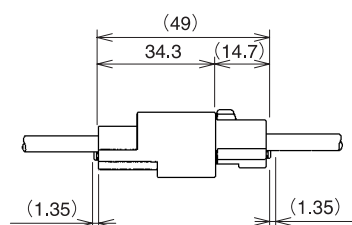


#### M Connectors

##### ● Housing



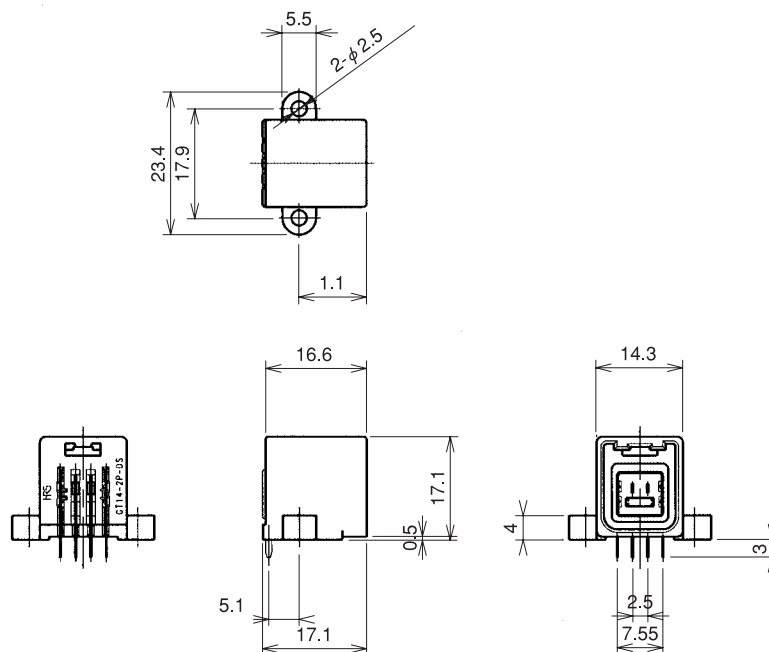
##### ◆ Fully mated connector assemblies



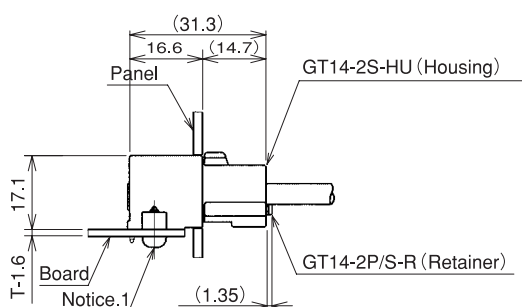
Part Number	CL No.	Material	Color
GT14-2PP-HU	764-0008-9	PBT	Light gray

Used with separate retainer.

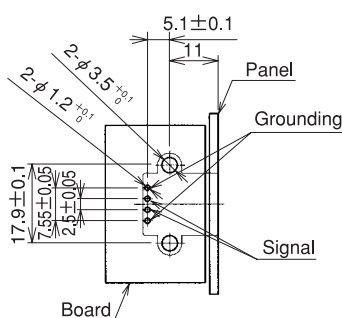
## ● Printed Circuit Board Type



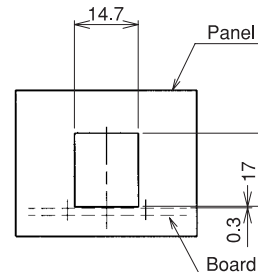
### ◆ Fully mated connector assemblies



### ◆ Recommended PCB Mounting Pattern



### ◆ Recommended Panel Cut-out



Part Number	CL No.	Item	Material	Finish	Color
GT14-2P-DS	764-0011-3	Housing	PBT	—	Light gray
		Signal Terminal	Brass	Tin plating	—
		Outer Terminal	Copper alloy	Tin plating	—

Use class 2 JIS B1115 and 1122 mounting screws and diameter3.length6 (for a board thickness of 1.6mm)

