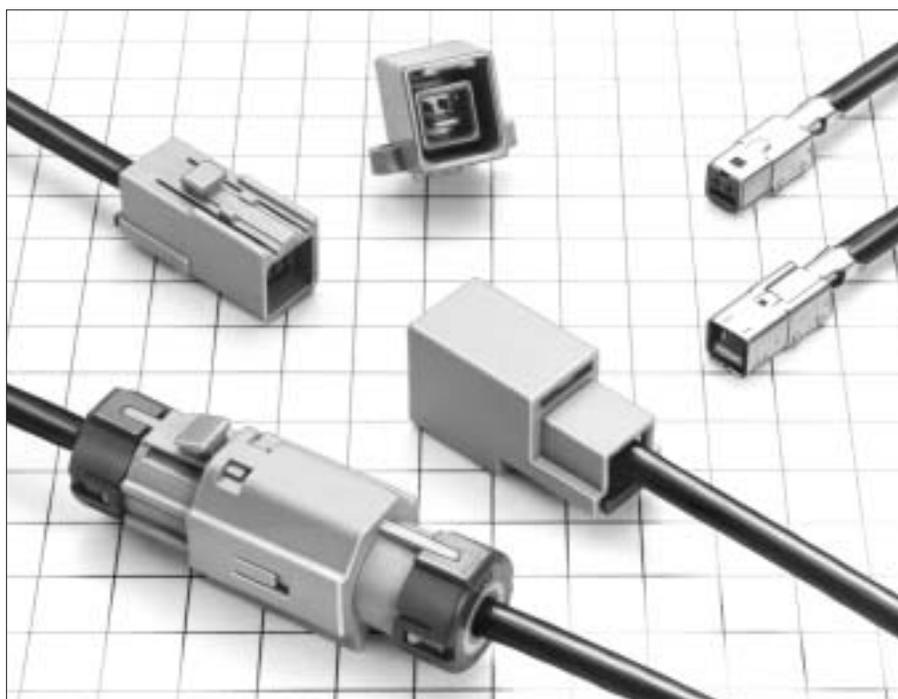


Coaxial cable connection of Antennas, Sensors, and Communication Trunk Lines

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

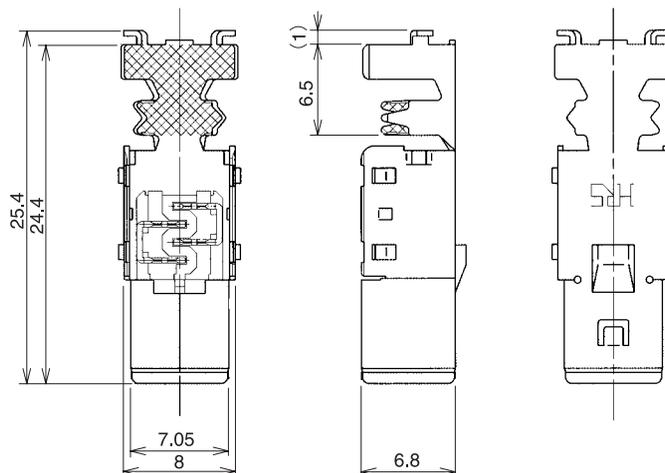
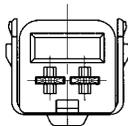
In-car LAN, sensors, etc.

GT14 Series

Terminals for 2-Conductor Shielded Cable

F Connectors

F Terminals

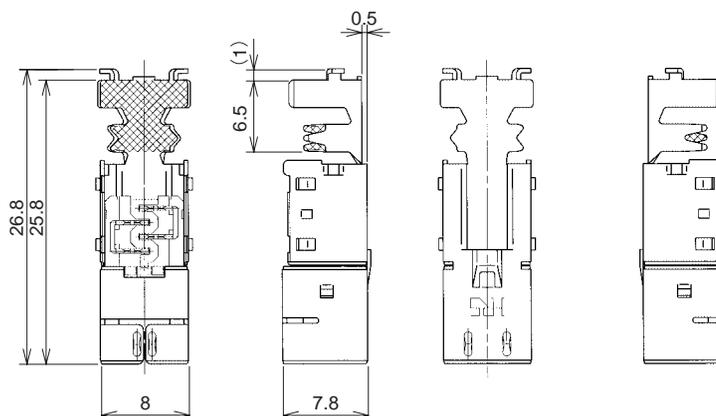
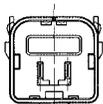


Part Number	CL No.	Wire Size	Inner Insulation Diameter	Outer Diameter
GT14-20/3.8-4.8SC	764-0013-9	0.5 mm ²	3.5 to 3.7 mm	4.6 to 5.0
GT14-22/3.4-4.4SC	—	0.3 mm ²	3.1 to 3.3 mm	4.2 to 4.6

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

M Terminals

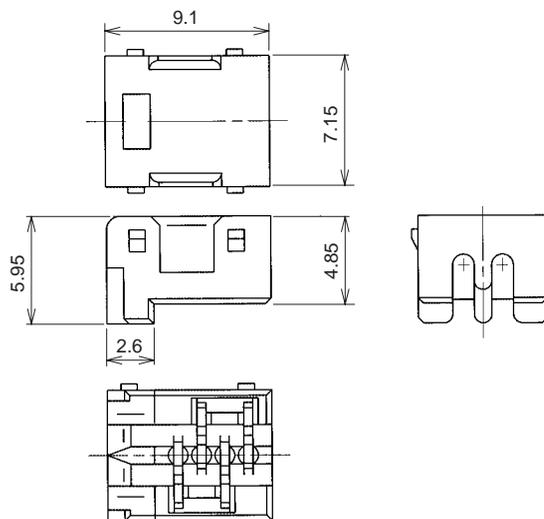
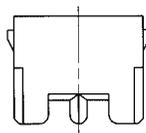
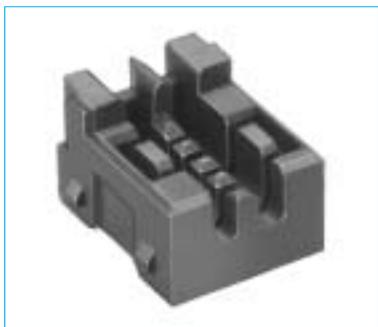
M Terminals



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

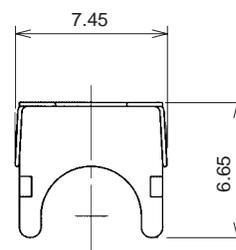
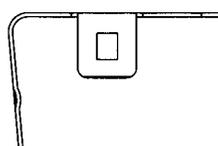
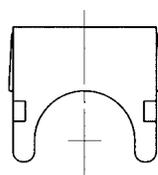
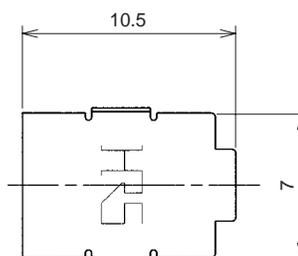
Item	Material	Finish	Color
Insulator	PBT	—	Dark gray
IDC Terminal	Beryllium Copper	Tin plating	—
Outer Terminal	Brass	Tin plating	—

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

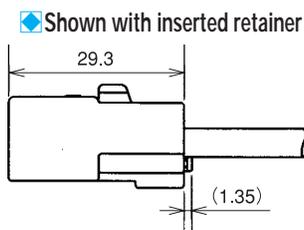
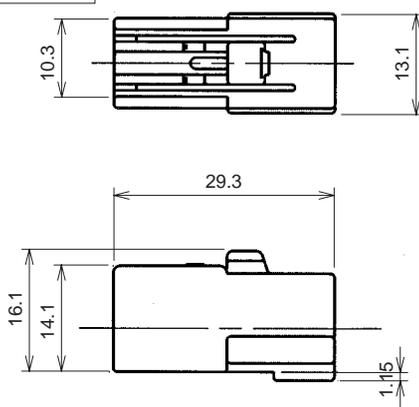
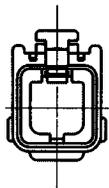
Manufacturer	Name	Wire size	Remarks
Hitachi Cable, Ltd.	CAVUS-SW2 X 0.5 mm ² Hitachi Part Number SP60-12637	0.5mm ²	—
Hitachi Cable, Ltd.	CAVUS-VX-SW2 X 0.5 mm ² Hitachi Part Number SP60-12667Y	0.5mm ²	Heat resistant cable for water proof connector

GT14 Series

For Double-Conductor coaxial shielded cable

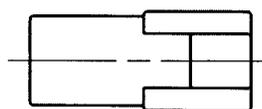
F Connectors

● Housing

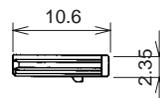
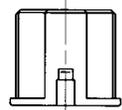
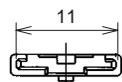
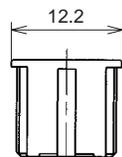
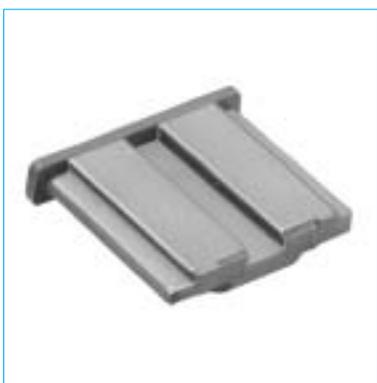


Part Number	CL No.	Material	Color
GT14-2S-HU	764-0009-1	PBT	Light gray

Used with separate retainer.



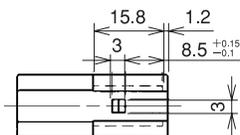
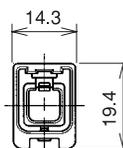
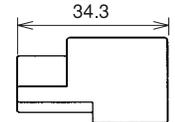
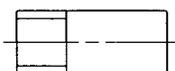
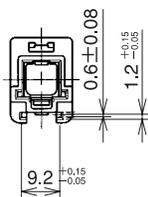
● Retainer (Used with GT14-2S-HU and GT14-2PP-HU)



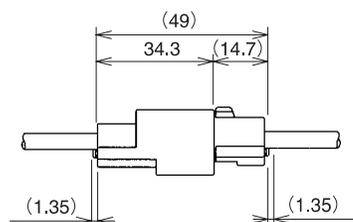
Part Number	CL No.	Material	Color
GT14-2P/S-R	764-0010-0	PBT	Dark gray

M Connectors

● Housing



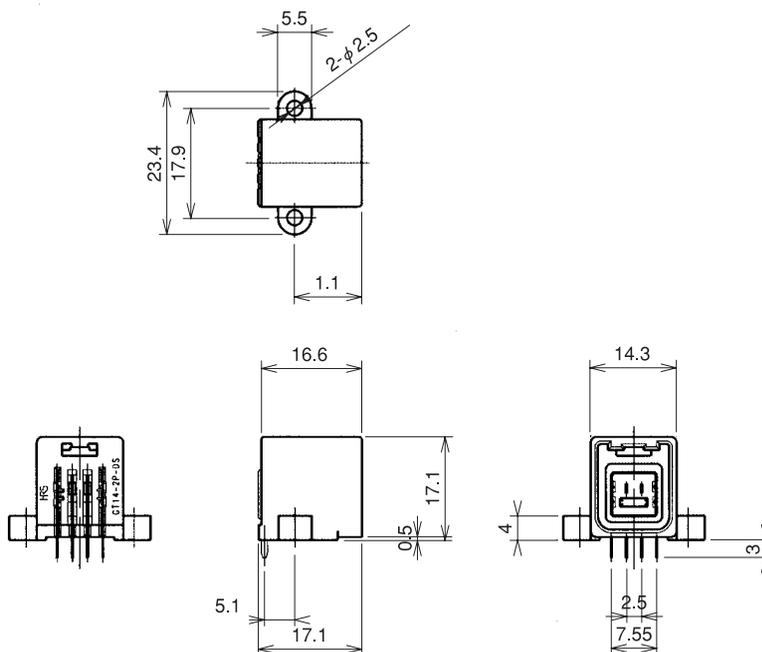
◆ Fully mated connector assemblies



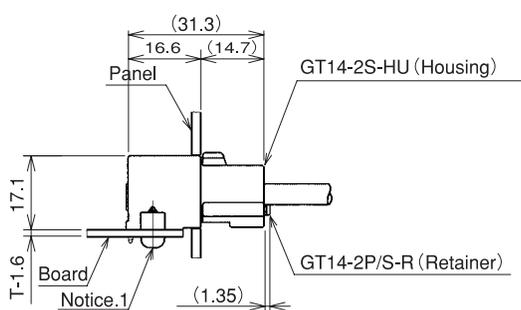
Part Number	CL No.	Material	Color
GT14-2PP-HU	764-0008-9	PBT	Light gray

Used with separate retainer.

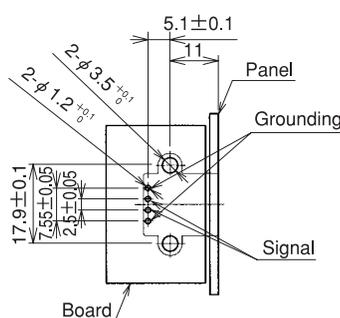
● Printed Circuit Board Type



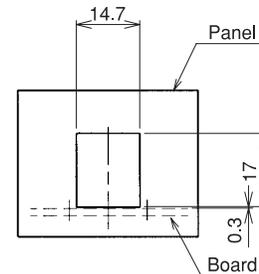
◆ Fully mated connector assemblies



◆ 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	—

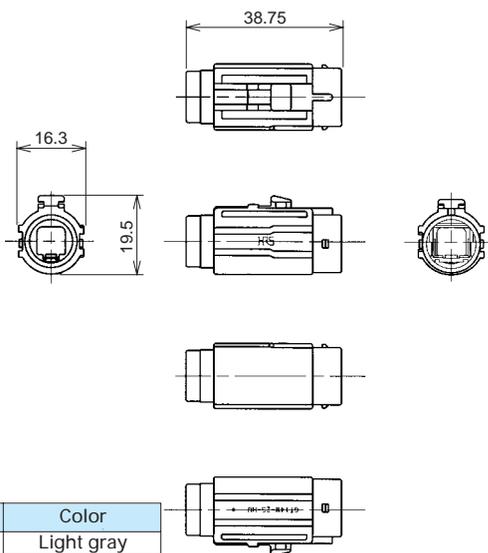
Use class 2 JIS B1115 and 1122 mounting screws and diameter3.length6 (for a board thickness of 1.6mm)

GT14 Series

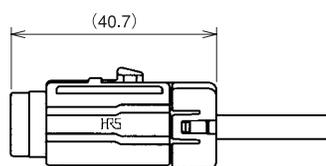
Double-Conductor Coaxial Cable - Waterproof Type

F Connector

● Housing



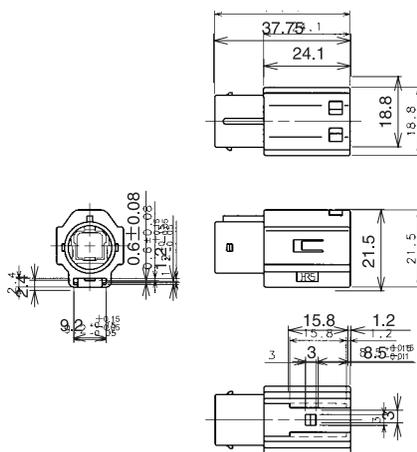
◆ Shown with inserted retainer



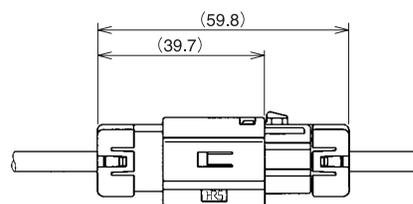
Part Number	CL No.	Material	Color
GT14W-2S-HU	764-0002-2	PBT	Light gray

M Connector

● Housing

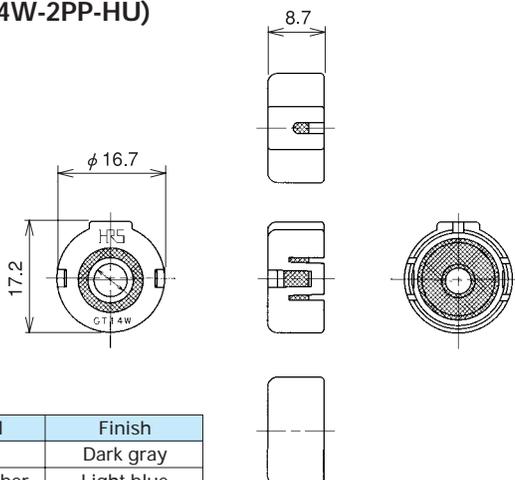


◆ Fully mated connector assemblies



Part Number	CL No.	Item	Material	Finish
GT14W-2PP-HU	764-0001-0	Housing	PBT	Light gray
		Connector Seal	Silicon rubber	White

● Retainer (used with GT14W-2S-HU and GT14W-2PP-HU)



Part Number	CL No.	Item	Material	Finish
GT14W-1P/S-4.8R	764-0003-5	Retainer	PBT	Dark gray
		Wire seal	Silicon rubber	Light blue

Note 1. This product suits cable outside diameters of 4.7 to 4.9 mm.
 Note 2. Waterproof qualities depend on aspects of the cable. Please contact us when you will be using cable other than that recommended by Hirose Electric.