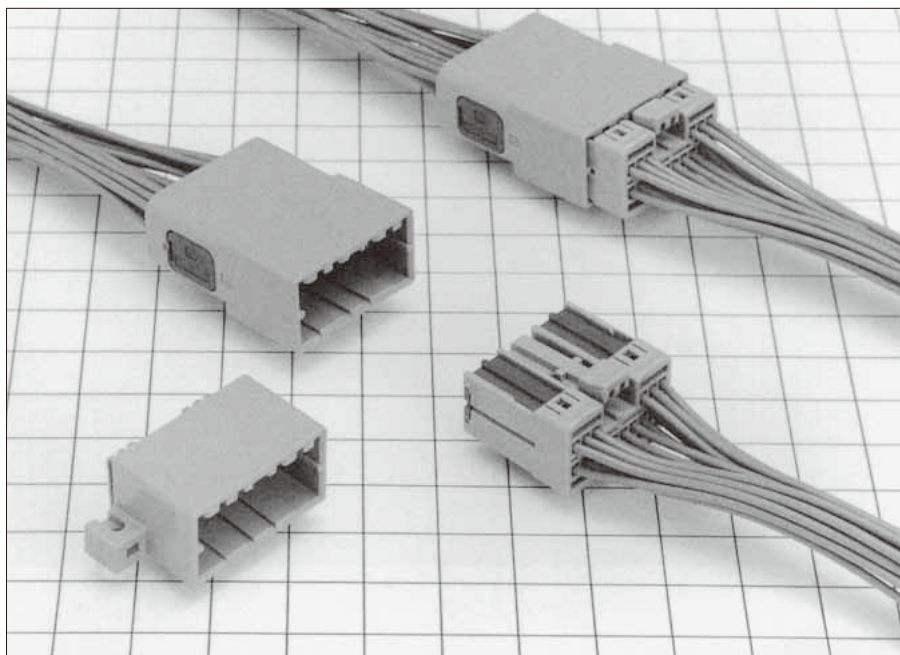


GT10 Series

— ECU Interface Connectors —

<2 mm Pitch>

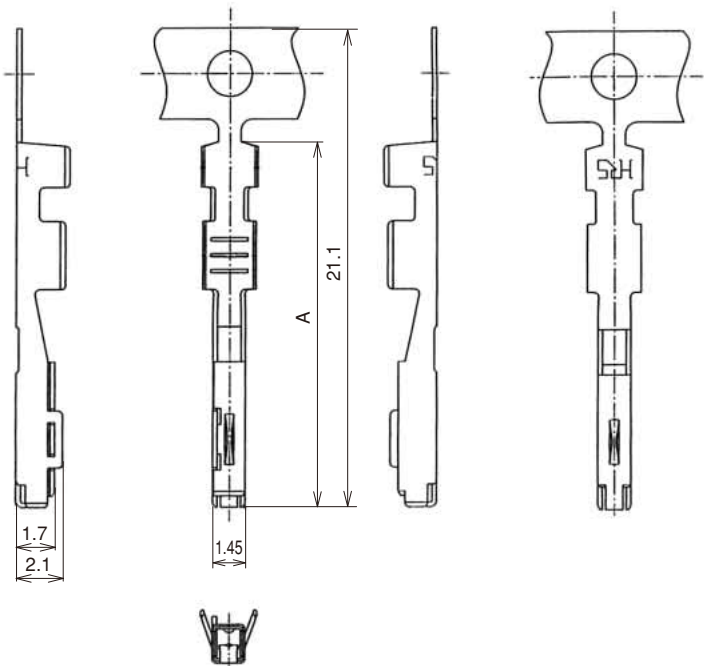
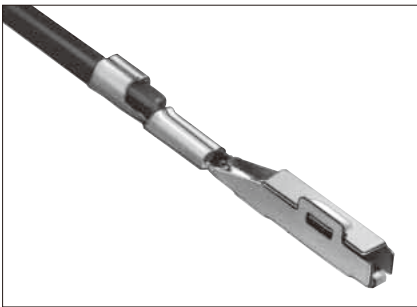


■ Features

- Usable with existing 040 connectors.
- Front retainer design prevents incomplete insertion.

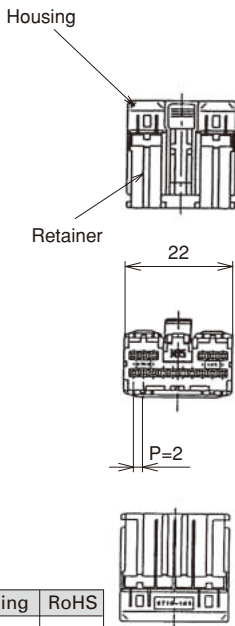
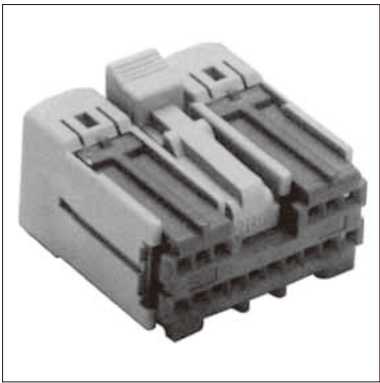
F Connectors

● Terminal

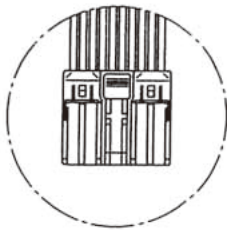


Part No.	HRS No.	Material	Plating	Conductor Size (AWG)	Outer Diameter	A Dimension	Packaging	RoHS
GT10-2022SCF	760-0003-0	Copper palloy	Tin plating	20 to 22 AWG	φ 1.1 to 1.3	16.1	10,000 pcs/reel	YES
GT10-2428SCF	760-0009-6			24 to 28 AWG	φ 0.8 to 1.1	15.1		

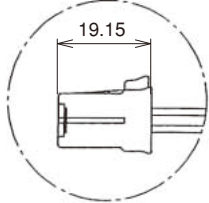
● Housing (with Retainer Provisionally Mounted)



◆ Retainer assembled.



◆ Retainer assembled.



Part No.	HRS No.	Material/Plating or Color	Packaging	RoHS
GT10-16DS-HU	760-0002-7	Housing: PBT / Light Gray Retainer: PBT / Dark Gray	1	YES

Note: This product has the retainer provisionally mounted to the housing.
To use, fully mount the retainer at the specified position after the terminals have been inserted.

GT5

GT13

GT16

PO5G

GT19

GT21

GT26

GT36

GT11

GT17

GT32

GT3

GT7

GT10

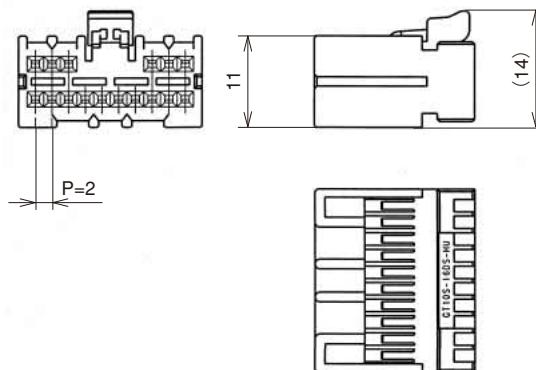
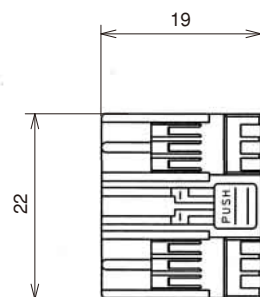
GT18W

GT25

GT8E

GT9

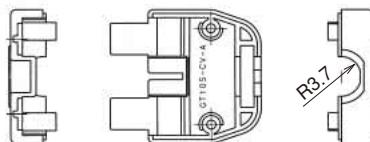
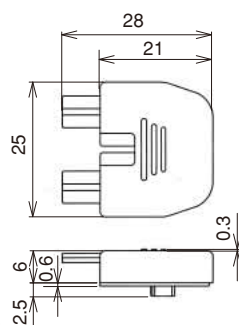
GT15



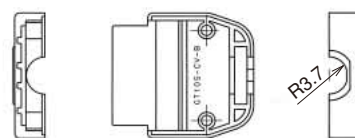
Technical drawing of a mechanical part with dimensions:

- Overall length: 34
- Length of the first section: 21
- Length of the second section: 13
- Overall diameter: 25
- Diameter of the first section: 22

Note: This product should be used with the cover attached to the housing.

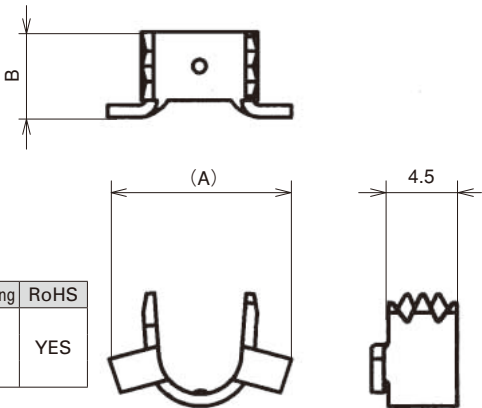


Technical drawing of a car model with dimensions: 28, 21, 25, 6, and 0.3.



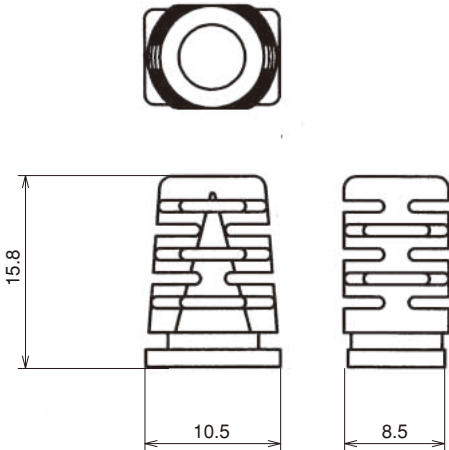
186 HRS

● Clamp Fittings



Part No.	HRS No	Material	A Dimension	B Dimension	Outer diameter of the cable	Packaging	RoHS
MQ138-CM (4.0)	206-0891-7	Brass	9	5.5	φ 4.0	1	YES
MQ138-CM (4.8)	206-0684-2		11.3	5.6	φ 4.8		
MQ138-CM (5.2)	206-0664-5		12	5.6	φ 5.2		

● Bushings



Part No.	HRS No.	Color	Material	Outer diameter of the cable	Packaging	RoHS
MQ138-BS (4.0) (01)	206-0890-4 01	Black	PCV	φ 4.0	1	YES
MQ138-BS (4.8) (01)	206-0683-0 01			φ 4.8		
MQ138-BS (5.2) (01)	206-0662-0 01			φ 5.2		

GT5

GT13

GT16

PO5G

GT19

GT21

GT26

GT36

GT11

GT17

GT32

GT3

GT7

GT10

GT18W

GT25

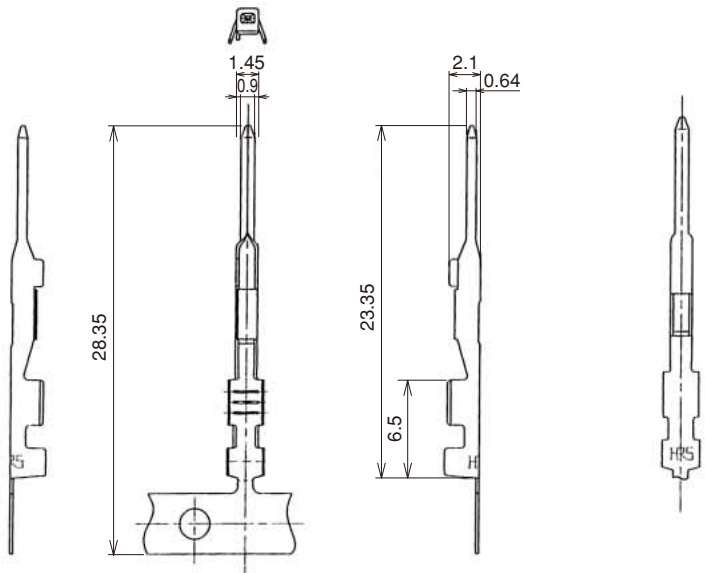
GT8E

GT9

GT15

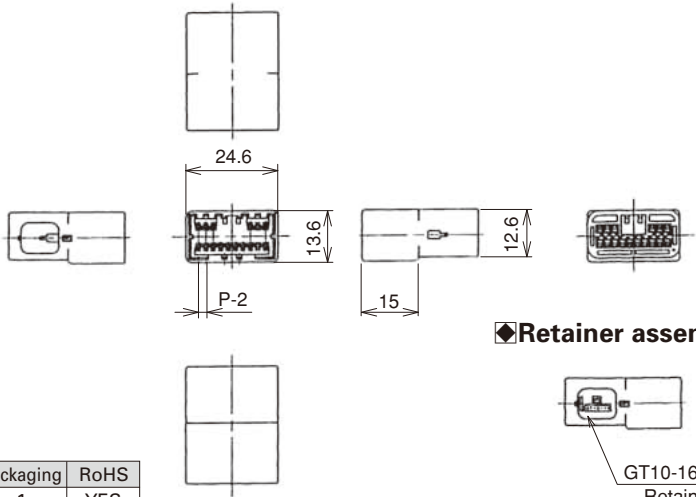
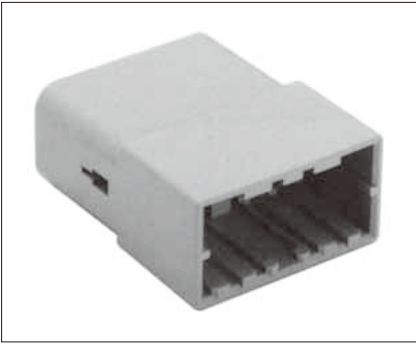
M Connectors

Terminal



Part No.	HRS No.	Material	Plating	Conductor Size (AWG)	Outer Diameter	Packaging	RoHS
GT10-2022PCF	760-0006-8	Brass	Tin plating	20 to 22 AWG	φ 1.1 to 1.3	10,000 pcs/reel	YES

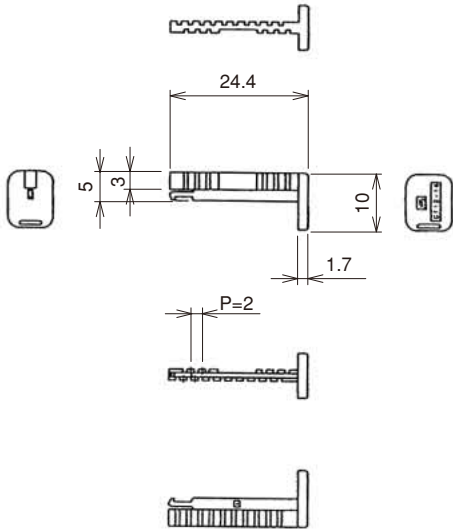
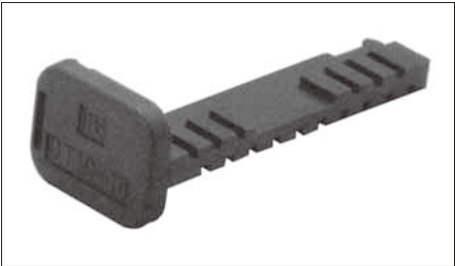
Housing



Part No.	HRS No.	Color	Material	Packaging	RoHS
GT10-16DP-HU	760-0004-2	Light Gray	PBT	1	YES

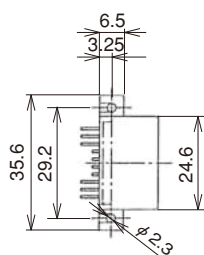
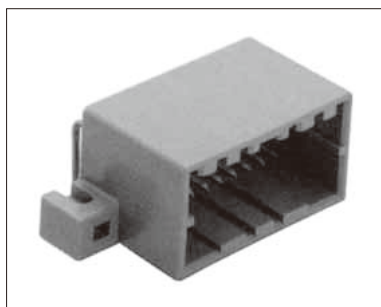
Note: This product has a retainer provisionally attached to the housing.
At time of use, install the retainer all the way to the specified position after the terminal has been inserted.

Retainer (Only for GT10-16DP-HU)

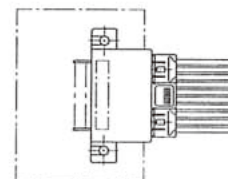
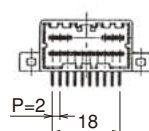
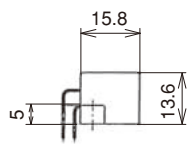
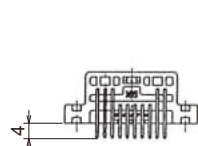
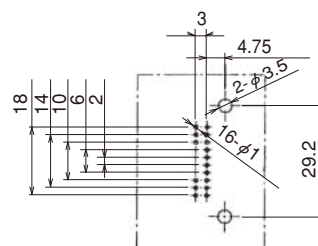


Part No.	HRS No.	Color	Material	Packaging	RoHS
GT10-16DP-R	760-0005-5	Dark Gray	PBT	1	YES

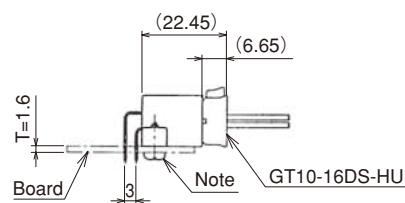
● Board Type



◆ Recommended PCB pattern



◆ Mated condition



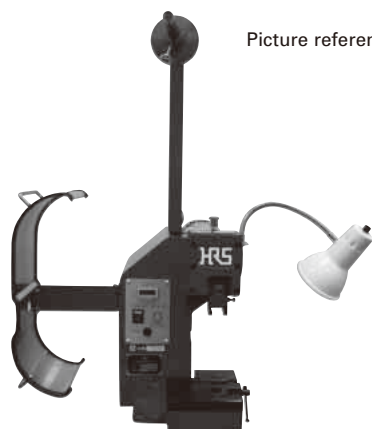
Part No.	HRS No.	Material/Plating or Color	Packaging	RoHS
GT10-16DP-DS(70)	760-0001-4 70	Housing : PBT / Light Gray Terminal : Brass / Tin plating	1	YES

Note : Use class 4 JIS B 1115 and 1122 mounting screws and diameter 3. length 6
(for a board thickness of 1.6mm).

◆ Crimping tools

User manuals are available. Please contact your Hirose Electric account representative.

● Automatic Crimping Machine



Picture reference only

Part No. CM-105C

Specifications

Item	Specification	Remarks
Press capacity	1.5tons	—
Stroke Length	30mm	—
Number of strokes	200spm (50Hz)	240spm (60Hz)
Weight	75kg	—
Motor	0.2kw	AC100V
Crimping speed	2,000 to 4,000 pcs/hour	—

● Harness tool

Terminal Part No.	Terminal HRS No.	Tool Part No.	Tool HRS No.
GT10-2022SCF	760-0003-0	AP105-GT10-2022S	901-5016-8
GT10-2022PCF	760-0006-8	AP105-GT10-2022P	901-5049-7
GT10-2428SCF	765-0009-6	AP105-GT10-2428S	901-5063-4