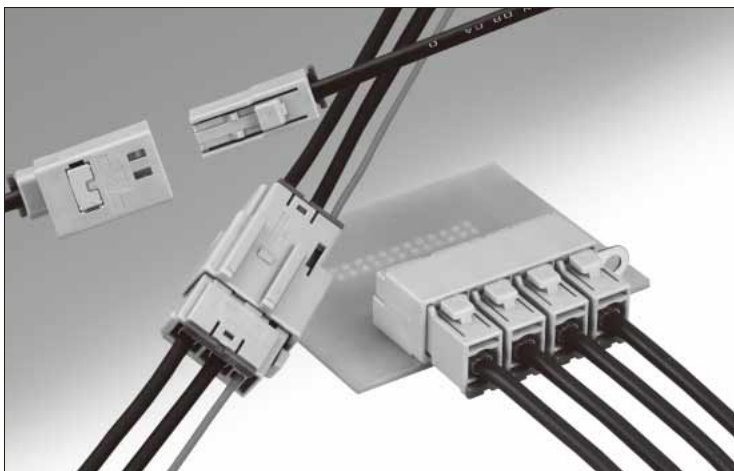


GT13 Series

— Compact Coaxial Cable Connectors —

〈In-line type, Board type〉



■ Features

- **Cost performance:**

Signal wires and shield wires can be crimped in one step.

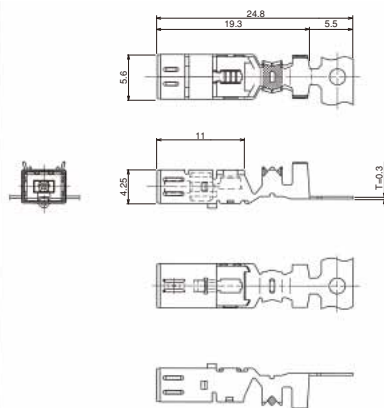
- **Space-saving design**

Smaller than GT5 Series.

■ Applications

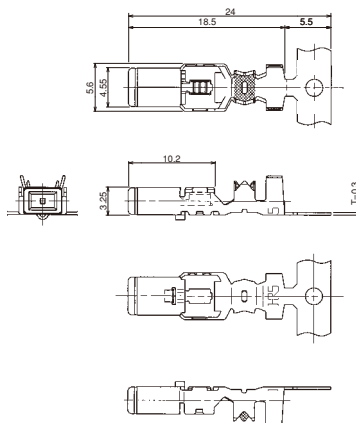
For car TV, radio antenna, etc.

F Terminal



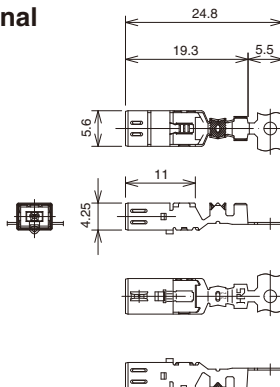
Part No.	HRS No.	Material / Finish or color	Conductor size	Insulator outer diameter	Jacket outer diameter	Sales unit	RoHS
GT13-2428/1.6-2.9SCF(55)	763-0001-3 55	Insulator : PBT/Dark gray Center terminal : Copper alloy /Tin plating Outer terminal : Copper alloy /Tin plating	AWG#24~28	$\phi 1.5 \sim 2.0$	$\phi 2.7 \sim 3.4$	3,000 pcs/reel	○
GT13-30/1.6-2.9SCF(55)	763-0012-0 55		AWG#30				
GT13-2428/F4-5SCF(55)	763-0051-1 55		AWG#24~28	$\phi 3.0 \sim 3.6$	$\phi 4.6 \sim 5.0$	2,200 pcs/reel	
GT13-30/F4-5SCF(55)	763-0067-1 55		AWG#30				

M Terminal



Part No.	HRS No.	Material / Finish or color	Conductor size	Insulator outer diameter	Jacket outer diameter	Sales unit	RoHS
GT13-2428/1.6-2.9PCF(70)	763-0002-6 70	Insulator : PBT/Dark gray Center terminal : Copper alloy /Tin plating Outer terminal : Copper alloy /Tin plating	AWG#24~28	$\phi 1.5 \sim 2.0$	$\phi 2.7 \sim 3.4$	4,000 pcs/reel	○
GT13-30/1.6-2.9PCF(70)	763-0041-8 70		AWG#30				
GT13-2428/F4-5PCF(70)	763-0054-0 70		AWG#24~28	$\phi 3.0 \sim 3.6$	$\phi 4.6 \sim 5.0$	2,200 pcs /reel	
GT13-30/F4-5PCF(70)	763-0066-9 70		AWG#30				

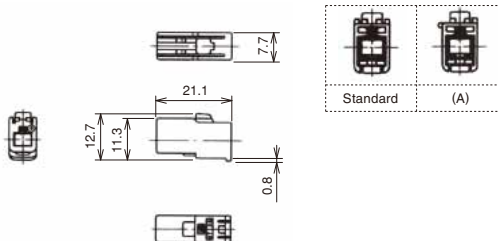
Low-insertion Force F Terminal



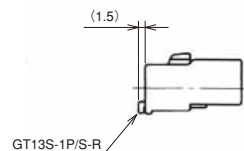
Part No.	HRS No.	Material / Finish or color	Conductor size	Insulator outer diameter	Jacket outer diameter	Sales unit	RoHS
GT13L-2428/1.1-2.2SCF(55)	763-0115-2 55	Insulator : PBT/Dark gray Center terminal : Copper alloy /Tin plating Outer terminal : Copper alloy /Tin plating	AWG#24~28	φ1.0~1.4	φ2.0~2.4	3,000 pcs/reel	○
GT13L-2428/1.6-2.9SCF(55)	763-0132-0 55			φ1.5~2.0	φ2.7~3.4		
GT13L-30/1.6-2.9SCF(55)	763-0098-0 55		AWG#30	φ1.5~2.0	φ2.7~3.4		

13S Series

F Housing (1 Coaxial)

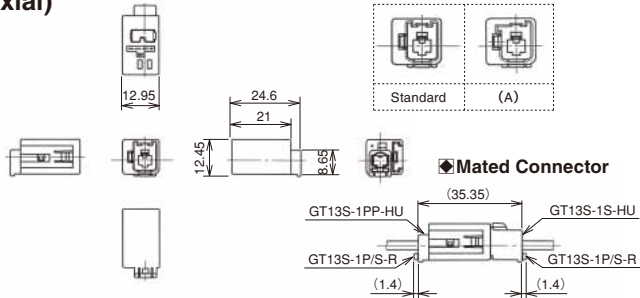


Retainer installed



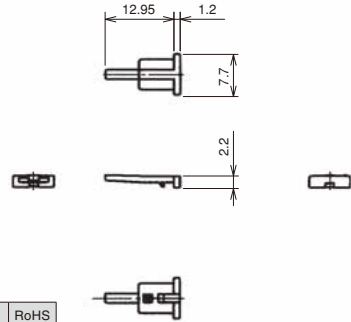
Part No.	HRS No.	Material	Color	Key position	Sales unit	RoHS
GT13S-1S-HU	763-0024-9	PBT	Light gray	Standard	1	○
GT13S-1S-HU(A)	763-0025-1		Brown	(A)		
GT13SN-1S-HU	763-0044-0		Black	Standard		

M Housing (1 Coaxial)



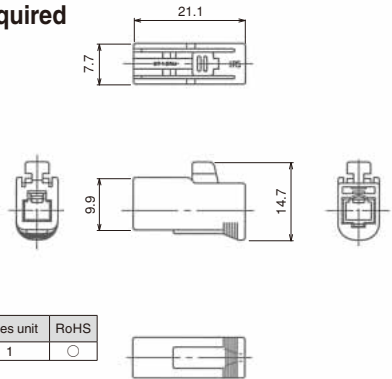
Part No.	HRS No.	Material / Finish	Color	Key position	Sales unit	RoHS
GT13S-1PP-HU	763-0030-1	Housing : PBT	Light gray	Standard	1	○
GT13S-1PP-HU(A)	763-0031-4	Ground terminal : Copper alloy/Tin plating	Brown	(A)		
GT13SN-1PP-HU	763-0006-0 00	Housing : PBT, bracket N type Ground terminal : None	Black	Standard		

Retainer



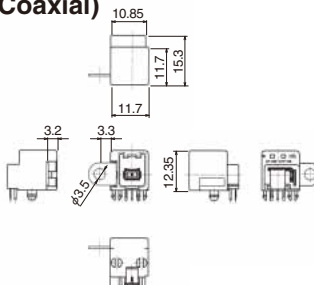
Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13S-1P/S-R	763-0033-0	PBT	Dark gray	1	○

F Housing (1 Coaxial) Retainer not required

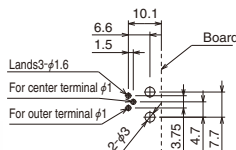


Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13RM-1S-HU	763-0099-8	PBT	Light gray	1	○

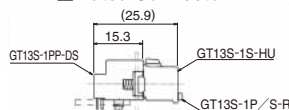
Board Mount type (1 Coaxial)



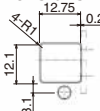
Recommended Board Dimensions



Mated Connector



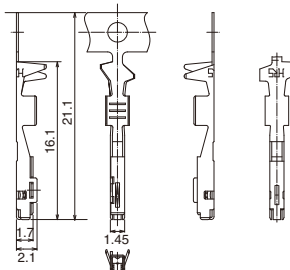
Recommended Panel Dimensions



Part No.	HRS No.	Material / Finish	Color	Key position	Sales unit	RoHS
GT13S-1PP-DS	763-0027-7	Housing : PBT Center terminal : Copper alloy /Tin plating Outer terminal : Copper alloy /Tin plating	Light gray	Standard	1	○
GT13S-1PP-DS(A)	763-0028-0	Bracket hardware : Copper alloy / Tin plating	Brown	(A)		

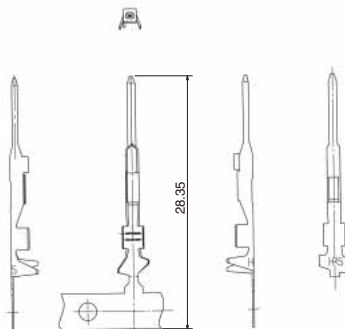
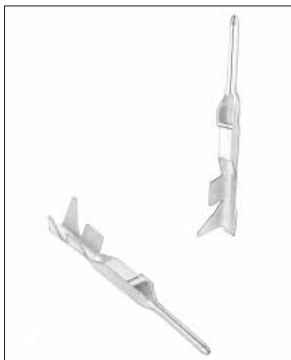
GT13SC Series

F Connector Power Supply Terminal



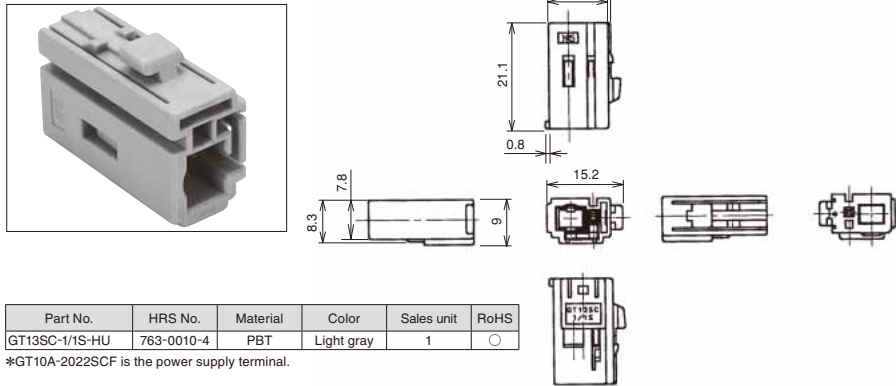
Part No.	HRS No.	Material	Finish	Conductor size	Insulator outer diameter	Sales unit	RoHS
GT10A-2022SCF	760-0014-6	Copper alloy	Tin plating	AWG#20~22	φ2.0 or less	8,000 pcs/reel	○

M Connector Power Supply Terminal

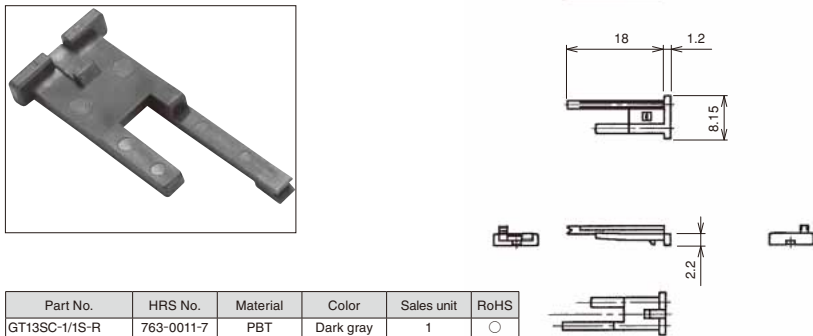


Part No.	HRS No.	Material	Finish	Conductor size	Insulator outer diameter	Sales unit	RoHS
GT10SC-2022PCF	760-0016-1	Copper alloy	Tin plating	AWG#20~22	φ1.5~2.0	7,000 pcs/reel	○
GT10A-2022PCF	760-0015-9				φ2.0 or less	10,000 pcs/reel	

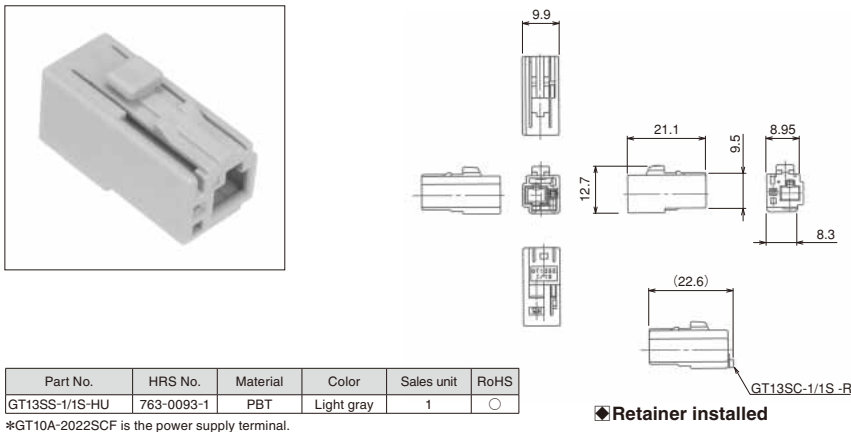
F Housing (1 Coaxial + 1 Power)



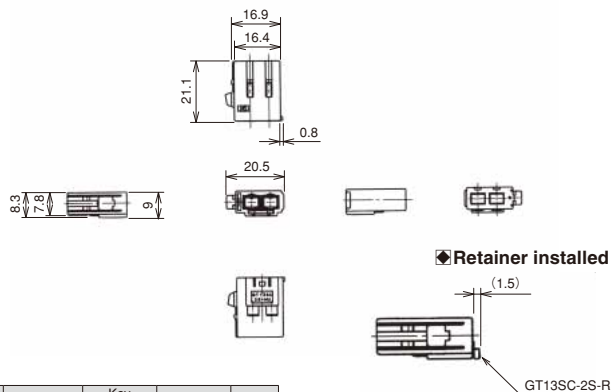
Retainer (Used with : GT13SC-1/1S-HU, GT13SS-1/1S-HU)



F Housing (1 Coaxial + 1 Power)

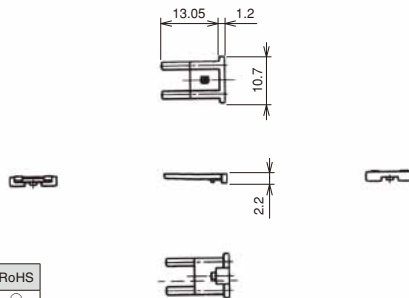


■ F Housing (2 Coaxial)



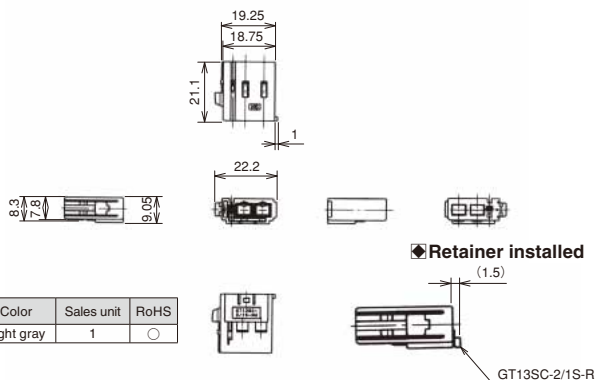
Part No.	HRS No.	Material	Color	Key position	Sales unit	RoHS
GT13SC-2S-HU	763-0014-5	PBT	Light gray	Standard	1	○

● Retainer (Used with : GT13SC-2S-HU, GT13SCN-2PP-HU, GT13SCH-2PP-HU)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-2S-R	763-0015-8	PBT	Dark gray	1	○

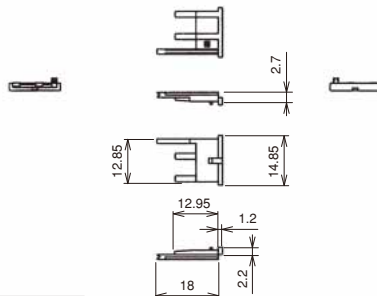
■ F Housing (2 Coaxial + 1 Power)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-2/1S-HU	763-0016-0	PBT	Light gray	1	○

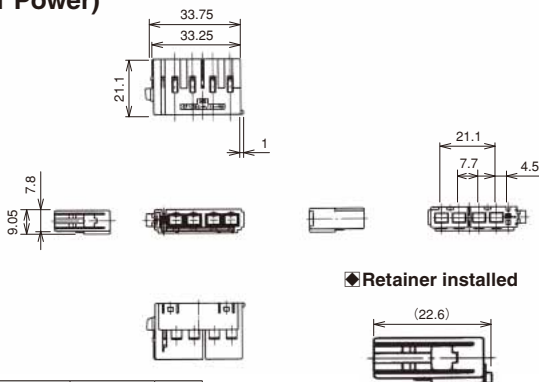
*GT10A-2022SCF is the power supply terminal.

● Retainer (for GT13SC-2/1-HU only)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-2/1S-R	763-0017-3	PBT	Dark gray	1	○

■ F Housing (4 Coaxial + 1 Power)

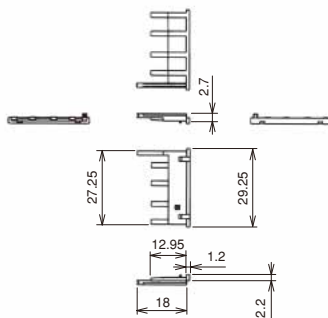
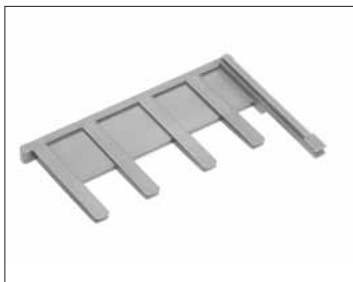


◆ Retainer installed

Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-4/1S-HU	763-0021-0	PBT	Light gray	1	○
GT13SC-4/1S-HU(A)	763-0022-3		Brown		

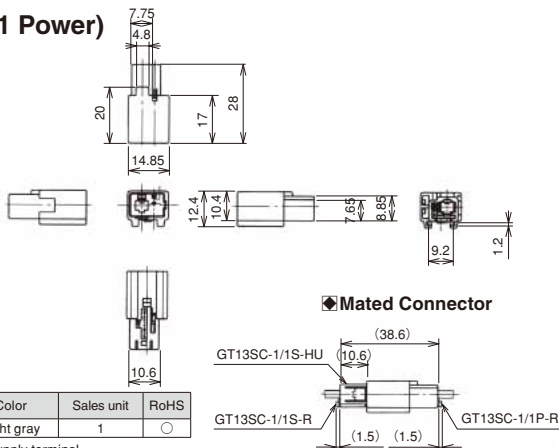
*GT10A-202SCF is the power supply terminal.

● Retainer (for GT13SC-4/1S-HU only)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-4/1S-R	763-0023-6	PBT	Dark gray	1	○

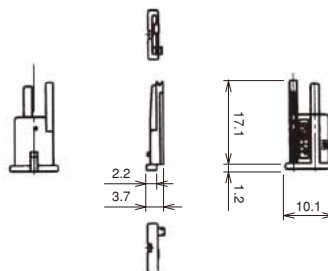
■ M Housing (1 Coaxial + 1 Power)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SCN-1/1PP-HU	763-0036-8	PBT	Light gray	1	○

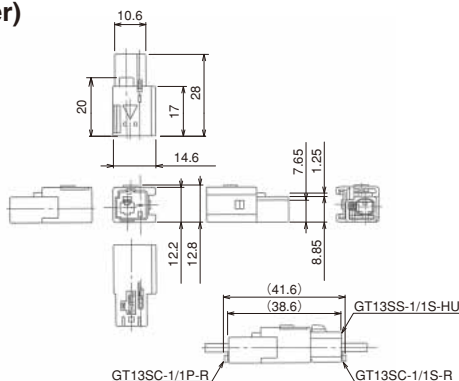
*GT10SC-2022PCF or GT10A-2022PCF is the power supply terminal.

● Retainer



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-1/1P-R	763-0039-6	PBT	Dark gray	1	○

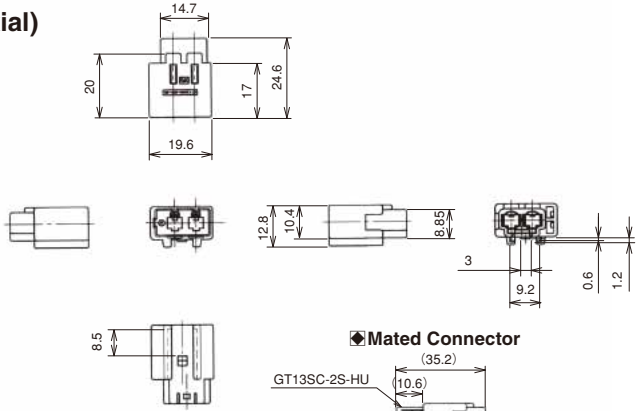
■ M Housing (1 Coaxial + 1 Power)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SSN-1/1PP-HU	763-0092-9	PBT	Light gray	1	○

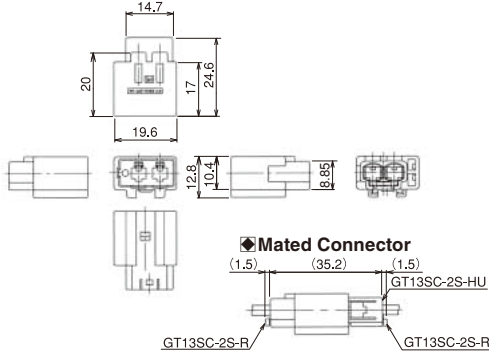
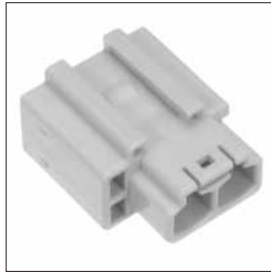
*GT10SC-2022PCF or GT10A-2022PCF is the power supply terminal.

■ M Housing (2 Coaxial)



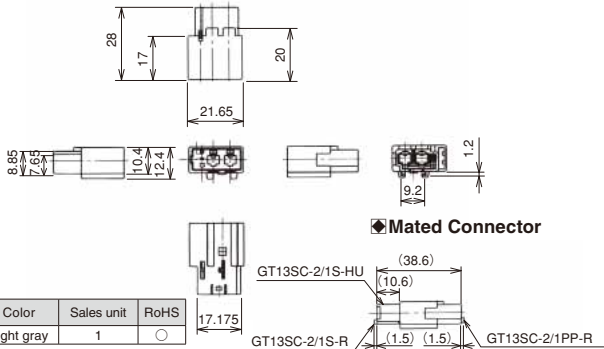
Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SCN-2PP-HU	763-0046-1	PBT	Light gray	1	○

■ M Housing (2 Coaxial)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SCH-2PP-HU	763-0072-1	PBT	Light gray	1	○

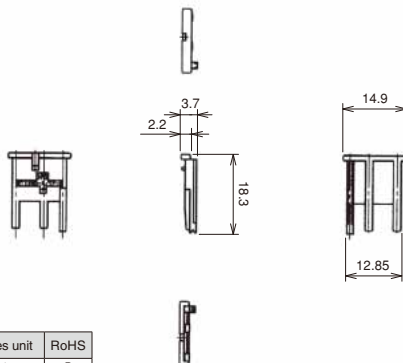
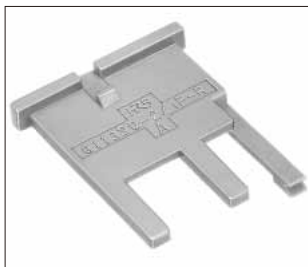
■ M Housing (2 Coaxial + 1 Power)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SCN-2/1PP-HU	763-0038-3	PBT	Light gray	1	○

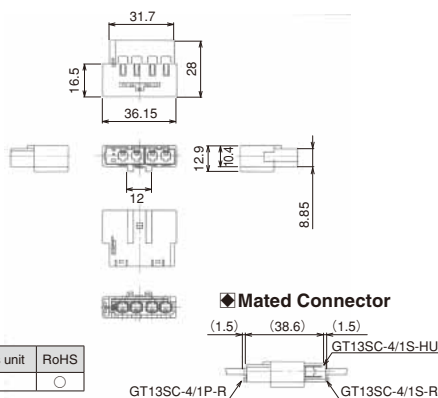
*GT10SC-2022PCF or GT10A-2022PCF is the power supply terminal.

● Retainer (for GT13SCN-2/1PP-HU only)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-2/1PP-R	763-0040-5	PBT	Dark gray	1	○

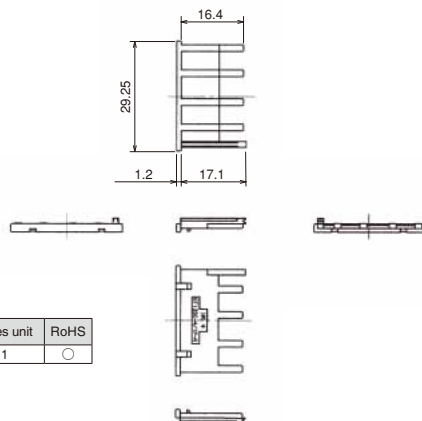
■ M Housing (4 Coaxial + 1 Power)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SCH-4/1PP-HU	763-0060-2	PBT	Light gray	1	○

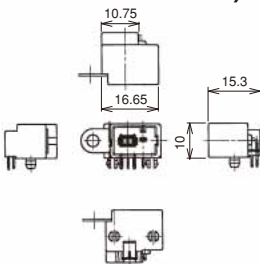
*GT10SC-2022PCF or GT10A-2022PCF is the power supply terminal.

● Retainer

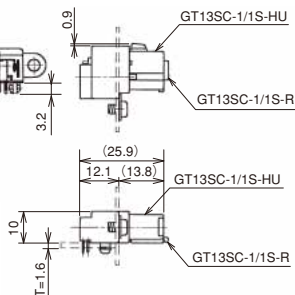


Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SC-4/1P-R	763-0061-5	PBT	Dark gray	1	○

■ Board Mount type (1 Coaxial + 1 Power)



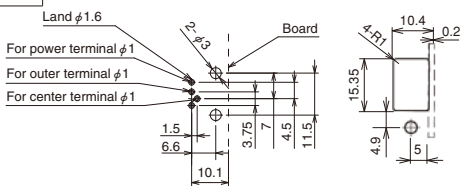
◆ Mated Connector



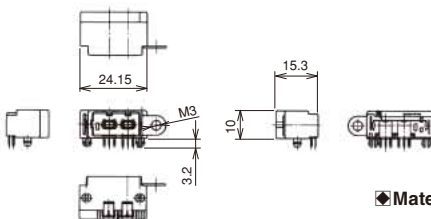
Part No.	HRS No.	Material / Finish or color	Sales unit	RoHS
GT13SC-1/1PP-DS(70)	763-0009-5 70	Housing : PBT/Light gray Center terminal : Copper alloy /Tin plating Outer terminal : Copper alloy /Tin plating Power terminal : Copper alloy /Tin plating Bracket hardware : Copper alloy / Tin plating	1	○

◆ Recommended Board Dimensions

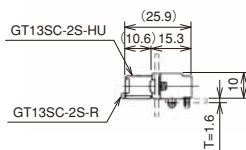
◆ Recommended Panel Dimensions



■ Board Mount type (2 Coaxial)



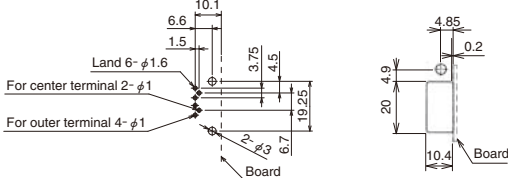
◆ Mated Connector



Part No.	HRS No.	Material	Color	Key position	Sales unit	RoHS
GT13SC-2PP-DS(71)	763-0013-2 71	Housing : PBT Center terminal : Copper alloy /Tin plating Outer terminal : Copper alloy /Tin plating Bracket hardware : Copper alloy / Tin plating	Light gray	Standard	1	○

◆ Recommended Board Dimensions

◆ Recommended Panel Dimensions

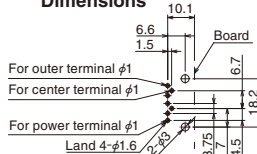


Board Mount type (2 Coaxial + 1 Power)

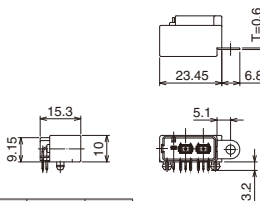
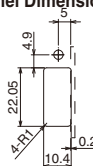


Part No.	HRS No.	Material / Finish or color	Sales unit	RoHS
GT13SC-2/1P-DS(70)	763-0018-6 70	Housing : PBT Light gray Center terminal : Copper alloy / Tin plating Outer terminal : Copper alloy / Tin plating Power terminal : Copper alloy / Tin plating Bracket hardware : Copper alloy / Tin plating	1	○

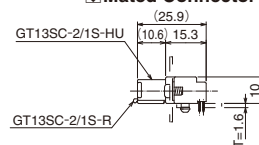
Recommended Board Dimensions



Recommended Panel Dimensions



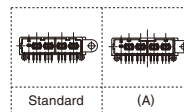
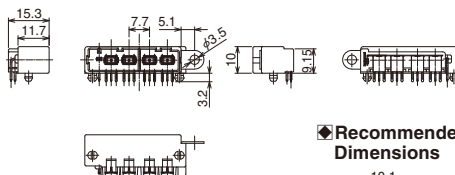
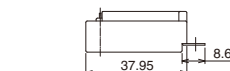
Mated Connector



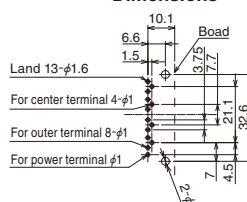
Board Mount type (4 Coaxial + 1 Power)



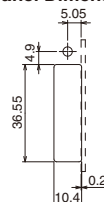
Part No.	HRS No.	Material	Color	Key position	Sales unit	RoHS
GT13SC-4/1P-DS(70)	763-0019-9 70	Housing : PBT Center terminal : Copper alloy / Tin plating Outer terminal : Copper alloy / Tin plating Power terminal : Copper alloy / Tin plating Bracket hardware : Copper alloy / Tin plating	Light gray	Standard	1	○
GT13SC-4/1P-DS(A)(70)	763-0020-8 70		Brown	(A)		



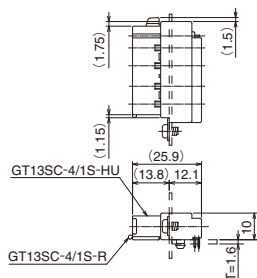
Recommended Board Dimensions



Recommended Panel Dimensions



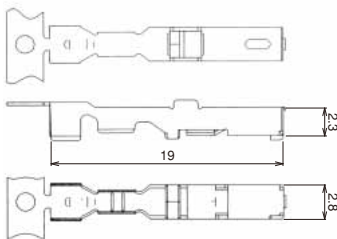
Mated Connector



GT13SH Series

Power Supply Terminals

■ F Connector Terminals

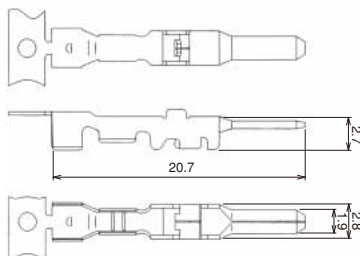


Part No.	HRS No.	Material	Finish	Conductor size	Jacket outer diameter	Sales unit	RoHS
GT7-2022SCF(70)	757-0001-1 70	Copper alloy	Tin plating	AWG#20~22	φ1.4~2.4	5,000 pcs/reel	○
GT7A-2022SCF(70)	757-0003-7 70				φ2.6~3.1	3,000 pcs/reel	

Note 1 : This product is sold in units of reels. (See the table above for number of pcs per reel.)

Note 2 : This product cannot be used with housings from other manufacturers.

■ M Connector Terminals

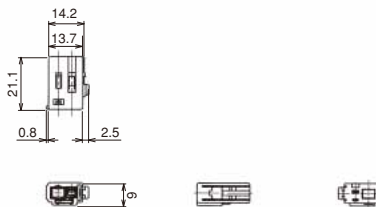


Part No.	HRS No.	Material	Finish	Conductor size	Jacket outer diameter	Sales unit	RoHS
GT7-2022PCF(70)	757-0002-4 70	Brass	Tin plating	AWG#20~22	φ1.4~2.4	5,000 pcs/reel	○
GT7A-2022PCF(70)	757-0004-0 70				φ2.6~3.1	3,000 pcs/reel	

Note 1 : This product is sold in units of reels. (See the table above for number of pcs per reel.)

Note 2 : This product cannot be used with housings from other manufacturers.

■ F Housing (1 Coaxial + 1 Power)

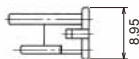
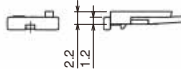
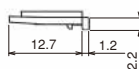


Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-1/1S-HU	763-0048-7	PBT	Light gray	1	○
GT13SH-1/1S-HU(A)	763-0059-3		Brown		



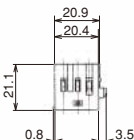
*GT7-2022SCF (70) or GT7A-2022SCF (70) is the power supply terminal.

● Retainer



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-1/1S-R	763-0049-0	PBT	Dark gray	1	○

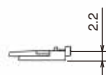
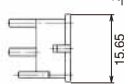
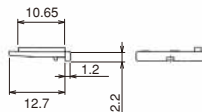
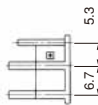
■ F Housing (2 Coaxial + 1 Power)



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-2/1S-HU	763-0065-6	PBT	Light gray	1	○
GT13SHB-2/1S-HU	763-0131-0				

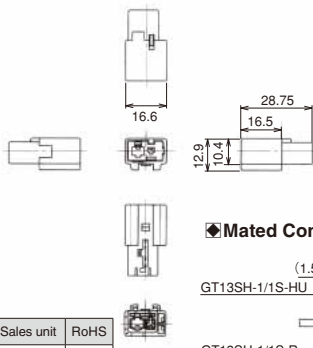
*GT7-2022SCF (70) or GT7A-2022SCF (70) is the power supply terminal.

● Retainer



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-2/1S-R	763-0064-3	PBT	Dark gray	1	○

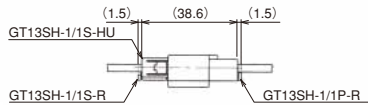
M Housing (1 Coaxial + 1 Power)



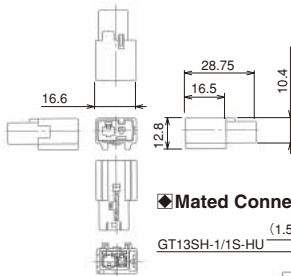
Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-1/1PP-HU	763-0055-2	PBT	Light gray	1	○

*GT7-2022SPCF (70) or GT7A-2022PCF (70) is the power supply terminal.

Mated Connector



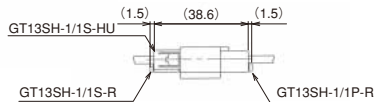
M Housing (1 Coaxial + 1 power)



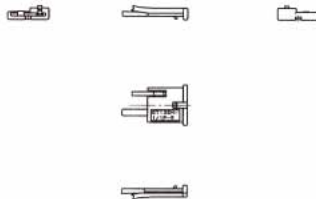
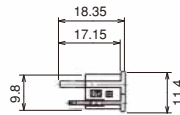
Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SHN-1/1PP-HU	763-0078-8	PBT	Light gray	1	○

*GT7-2022SPCF (70) or GT7A-2022PCF (70) is the power supply terminal.

Mated Connector

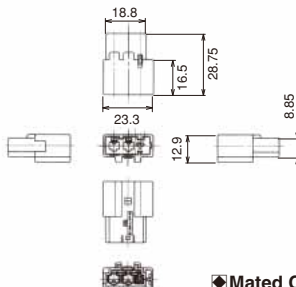


Retainer



Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-1/1P-R	763-0056-5	PBT	Dark gray	1	○

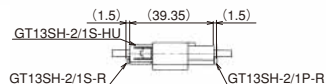
■ M Housing (2 Coaxial + 1 Power)



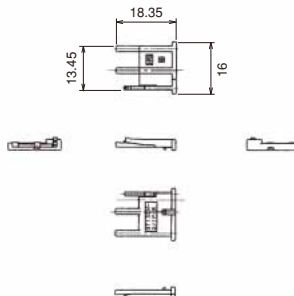
Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-2/1PP-HU	763-0076-2	PBT	Light gray	1	○

*GT7-2022PCF (70) or GT7A-2022PCF (70) is the power supply terminal.

◆ Mated Connector

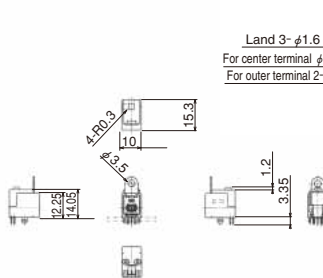


● Retainer



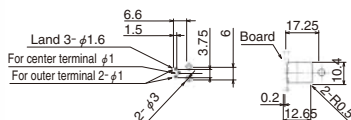
Part No.	HRS No.	Material	Color	Sales unit	RoHS
GT13SH-2/1P-R	763-0077-5	PBT	Dark gray	1	○

■ Board Mount type (1 Coaxial)

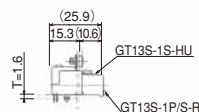


◆ Recommended Board Dimensions

◆ Recommended Panel Dimensions

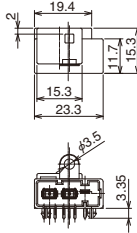


◆ Mated Connector



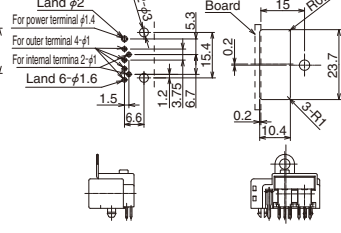
Part No.	HRS No.	Material / Finish or color	Sales unit	RoHS
GT13SHA-1PP-DS	763-0062-8	Housing : PBT/ Light gray Center terminal : Copper alloy /Tin plating Outer terminal : Copper alloy /Tin plating Bracket hardware : Copper alloy / Tin plating	1	○

■ Board Mount type (2 Coaxial + 1 Power)



◆ Recommended Board Dimensions

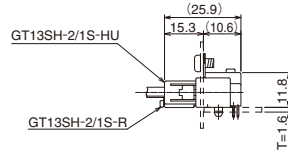
◆ Recommended Panel Dimensions



Part No.	HRS No.	Material / Finish or color	Sales unit	RoHS
GT13SHA-2/1P-DS	763-0063-0	Housing : PBT/ Light gray Center terminal : Copper alloy / Tin plating Outer terminal : Copper alloy / Tin plating Power terminal : Copper alloy / Tin plating Bracket hardware : Copper alloy / Tin plating	1	○
GT13SHB-2/1P-DS	763-0125-0			



◆ Mated Connector



◆ Crimping Tools

Please ask your Hirose Electric account representative for a user manual.

Automatic Crimping Machine



Photo for reference only.
Subject to change.

Part No. CM-105C

Specifications

Item	Specifications	Remarks
Press capacity	1.5tons	
Stroke length	30mm	
Number of strokes	200spm (50Hz)	200spm (60Hz)
Weight	75kg	
Motor	0.2kW	AC100V
Crimping speed	2,000-4,000/H	

*Terminal crimp height setting tables are available for each cable type. Please contact your Hirose Electric account representative.

Please note that we will need to define new crimp heights for novel cables and this may take a few days.

*Requires special reel stand.

● Harness Tools

HRS No.	Applicable Terminal	Part No.	HRS No.
763-0001-3 55	GT13-2428/1.6-2.9SCF(55)	AP105-GT13-2428/1.6-2.9S	901-5073-1
763-0002-6 70	GT13-2428/1.6-2.9PCF(70)	AP105-GT13-2428/1.6-2.9P	901-5074-7
763-0012-0 55	GT13-30/1.6-2.9SCF(55)	AP105-GT13-30/1.6-2.9S-ID	901-5099-5
763-0041-8 70	GT13-30/1.6-2.9PCF(70)	AP105-GT13-30/1.6-2.9P-ID	901-5118-8
763-0012-0 55	GT13-30/1.6-2.9SCF(55)	AP105-GT13-30/1.6-2.9S	901-5116-2
763-0041-8 70	GT13-30/1.6-2.9PCF(70)	AP105-GT13-30/1.6-2.9P	901-5119-0

Please refer to our cable termination procedure manual for performing terminations.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[AP105-GT13GM-2022/4.5-6.2](#) [GT13SC-2P/S-3R](#) [GT13SN-1S-HU](#) [AP105-GT13GM-2022/4562\(66](#)