

GT32 Series

Compact, Shielded 4pos. Connector for Differential Signals



Automotive



High-Speed



Shield



Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

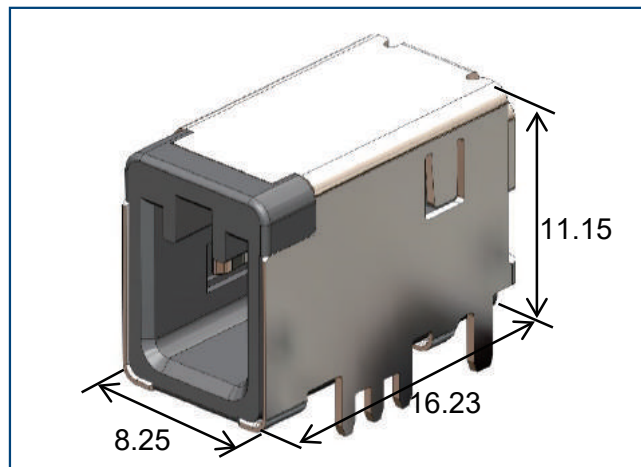
Киргизия +996(312)96-26-47

<https://hirose.nt-rt.ru/> || hes@nt-rt.ru

Features

1. Industry's Smallest Shielded 4pos. Connector

2pos. for Signal + 2pos. for Power Supply
A compact design with a width of only 8.25mm fits tight spaces.



2. Enhanced Shield Design for Video Applications

The GT32J shortens the GND path to reduce noise, making it compatible with the LVDS protocol for video signals. It can be used in a wide range of applications.

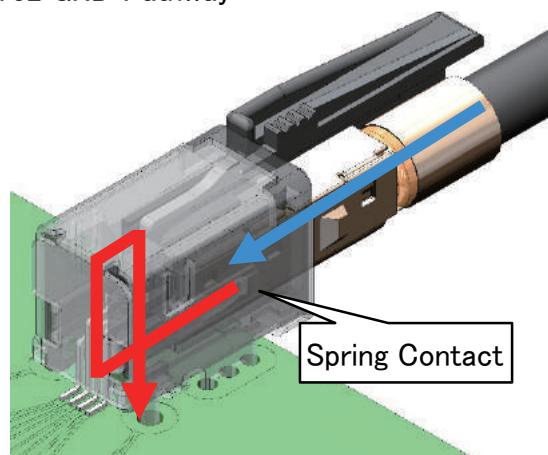
Recommended Applications

GT32 : USB2.0 Connection

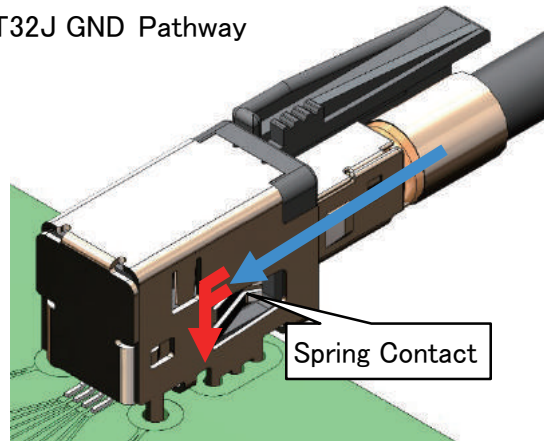
GT32J : LVDS Connection

- *1 Connector size, board pattern and plug are common.
- *2 Please contact our sales representative for details on compatible SerDes and transmission characteristics.
- *3 The transmission speed may vary depending on the compatibility of the set, cable and connector used. Please contact our sales representatives before use.

GT32 GND Pathway



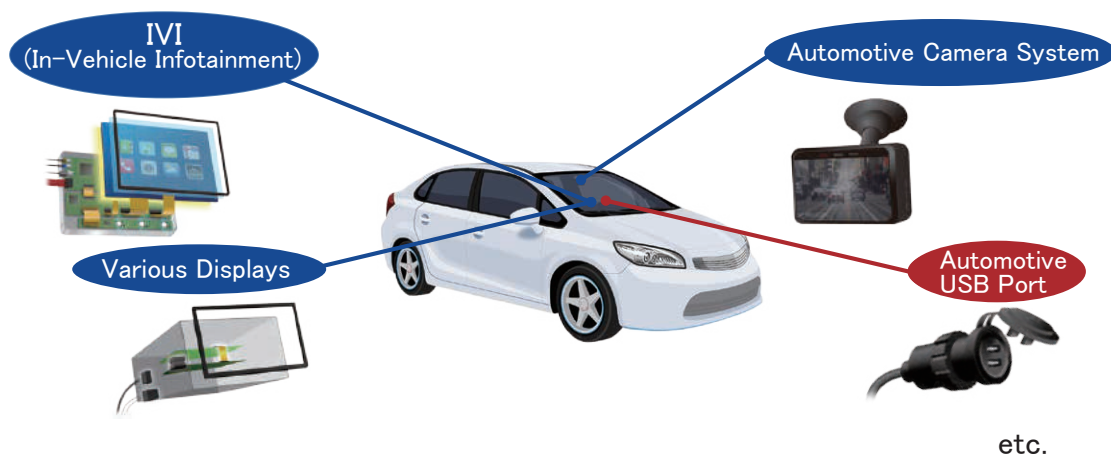
GT32J GND Pathway



3. Multi-port Receptacles, plus High Density Mounting

The 3 port or 2 port (under planning) Receptacle gives you the freedom to design sets and further contributes to the reduction of customer man-hours.

Application



Recommended Connector

Red : USB2.0 connection : GT32 4pos. Series

Blue : LVDS connection : GT32J 4pos. Series when noise resistance is critical

Note : This is also applicable to non-automotive applications.

Product Specifications

Rated Current	1A	Operating Temperature (Note 1)	-40 to +105°C
Rated Voltage	30V AC	Storage Temperature (Note 2)	-10 to +60°C

Item	Specification	Condition
Contact Resistance	Signal : 30mΩ Max. Shield : 60mΩ Max.	Measured at 1A DC
Insulation Resistance	100MΩ Min.	Measured at 500V DC
Withstanding Voltage	No insulation breakdown	1000V AC for 1 min.
Mating Durability	Contact Resistance : Signal : 60mΩ Max. Shield : 120mΩ Max.	30 times

Note 1 : Includes the temperature rise due to current flow.

Note 2 : Storage refers to long-term storage for unused items before mounting the board. The operating temperature is applied when the circuit board is not energized after mounting, or when it is temporarily stored during transportation.

Material/Finish

Item	Component	Material	Color/Finish
Receptacle	Shield Case	Copper Alloy	Tin Plating
	Insulator	PA	Dark Gray (Note), Brown, Green, Blue, Black
	Contact	Brass	Tin Plating
Plug	Housing	PBT	Dark Gray (Note), Brown, Green, Blue, Black
	Insulation Case	PBT	Light Gray
	Outer Terminal	Copper Alloy	Tin Plating
	Shield Cover		
	Center Terminal		

Note : The standard color is Dark Gray.

Product Number Structure

Refer to the chart below when determining the product specifications from the product number.
Please select from the product numbers listed in this catalog when placing orders.

Connector

GT32 J - 4 D P - 1.5 H (A)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

Center Terminal

GT32 - 2428 SCF

① ⑨ ⑩

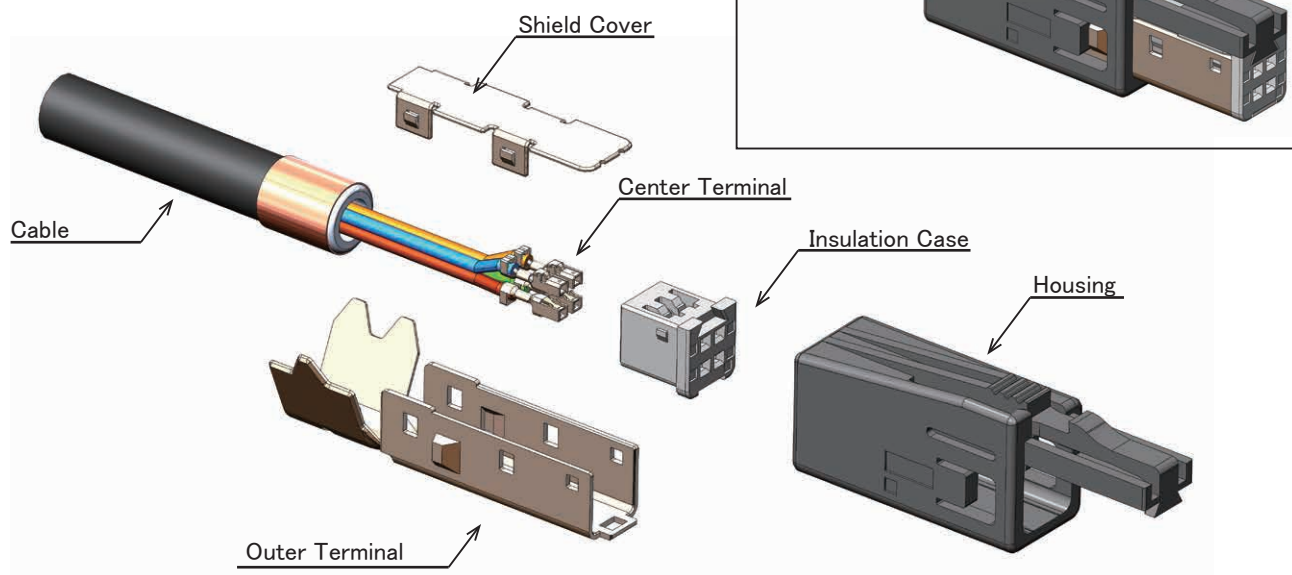
① Series Name	GT32	⑦ Component Type	H : Right Angle SMT V : Straight SMT HU : Plug Housing C : Insulation Case 5CF : Outer Terminal SC : Shield Cover
② Design	None : Standard J : Enhanced Shield Design D : Shield Case Through Hole Length 2.3mm (Standard 1.6mm)		
③ No. of Pos.	4 : 4pos. 4/4/4 : 3 Ports, 12pos. Total		
④ Columns	D : 2 Rows	⑧ Mating Key	None : Standard, A, B, C, D
⑤ Connector Type	P : Receptacle S : Plug	⑨ Applicable Cable	2428 : 24 to 28 AWG
⑥ Contact Pitch	1.5mm	⑩ Shape Type	SCF : Female Contact

Plug Configuration

The plug consists of 5 components.

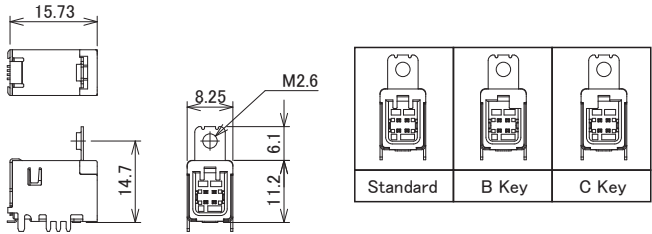
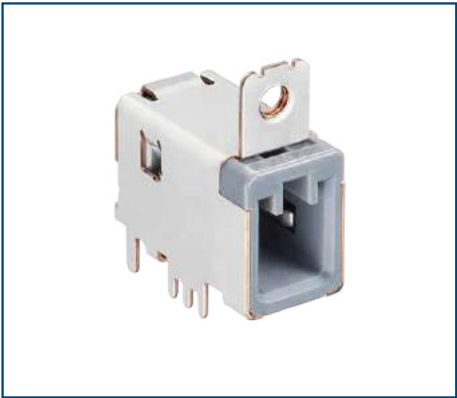
(Housing, Insulation Case, Outer Terminal, Shield Cover and Center Terminal)

Fully Assembled View

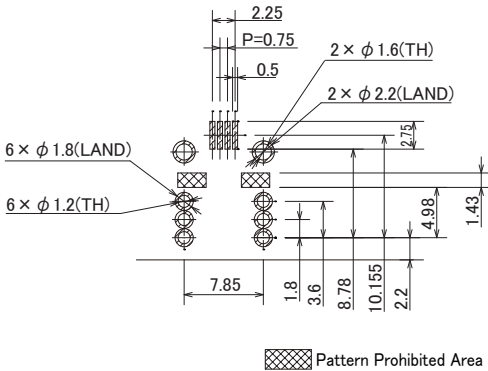


Right Angle Receptacle

M2.6 Flange Mount Design

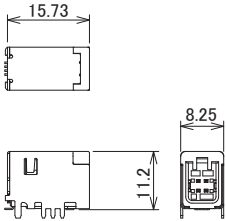


Recommended PCB Layout
(Recommended PCB Thickness : 1.6mm)



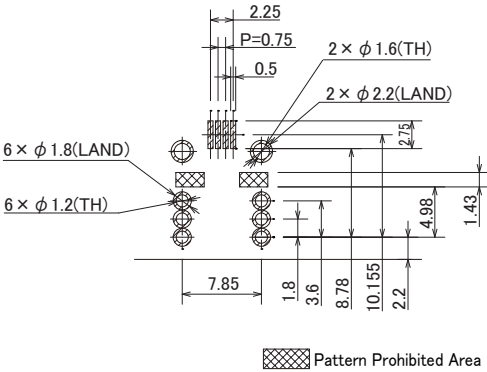
Part No.	HRS No.	Color	Mating Key	Purchase Unit
GT32-4DP-1.5H(30)	CL0782-0038-1-30	Dark Gray	Standard	90pcs per tray
GT32-4DP-1.5H(B)(30)	CL0782-0062-6-30	Green	B Key	
GT32-4DP-1.5H(C)(30)	CL0782-0063-9-30	Blue	C Key	

Non-Flanged Design



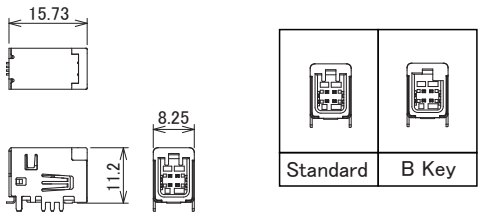
				
Standard	A Key	B Key	C Key	D Key

Recommended PCB Layout
(Recommended PCB Thickness : 1.6mm)

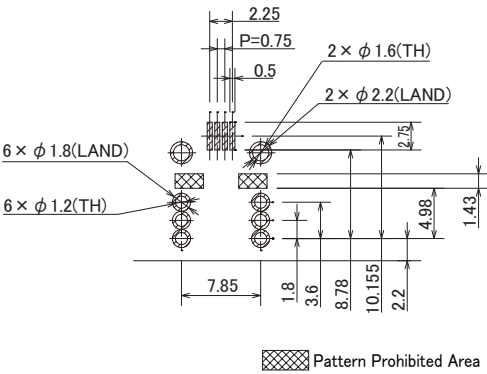


Part No.	HRS No.	Color	Mating Key	Purchase Unit (##) : (11)	Purchase Unit (##) : (12)
GT32-4DP-1.5H(##)	CL0782-0038-1-##	Dark Gray	Standard	90pcs per tray	350pcs per reel
GT32-4DP-1.5H(A)(##)	CL0782-0061-3-##	Brown	A Key		
GT32-4DP-1.5H(B)(##)	CL0782-0062-6-##	Green	B Key		
GT32-4DP-1.5H(C)(##)	CL0782-0063-9-##	Blue	C Key		
GT32-4DP-1.5H(D)(##)	CL0782-0064-1-##	Black	D Key		

Enhanced Shield Design



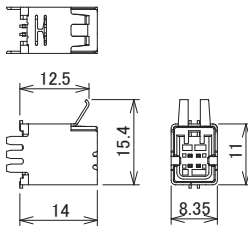
Recommended PCB Layout
(Recommended PCB Thickness : 1.6mm)



Part No.	HRS No.	Color	Mating Key	Purchase Unit
GT32J-4DP-1.5H(11)	CL0782-0085-0-11	Dark Gray	Standard	540pcs per box
GT32J-4DP-1.5H(B)(11)	CL0782-0086-0-11	Green	B Key	

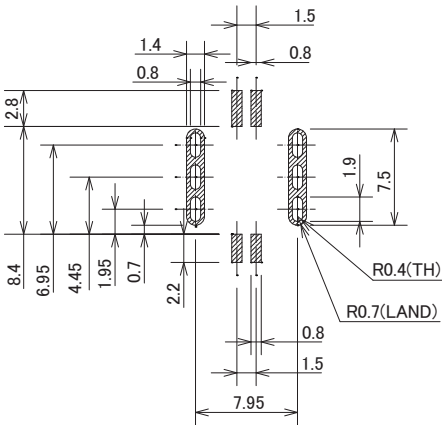
Straight Receptacle

Non-Flanged Vertical Design



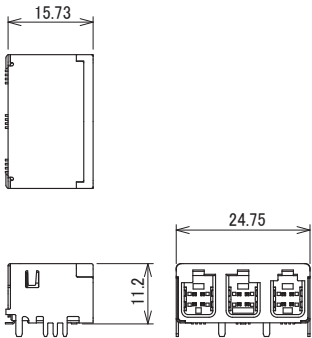
Standard	A Key	B Key	C Key	D Key

Recommended PCB Layout (Recommended PCB Thickness : 1.6mm)

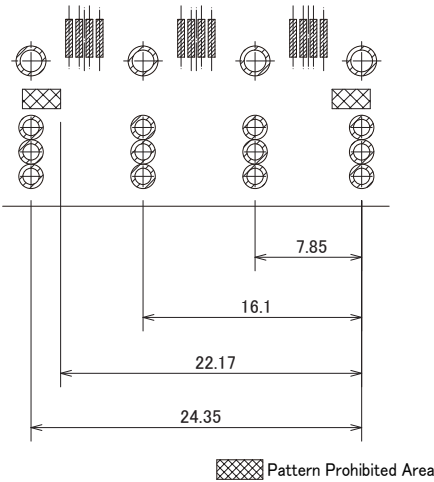


Part No.	HRS No.	Color	Mating Key	Purchase Unit (##) : None	Purchase Unit (##) : (30)
GT32-4DP-1.5V(##)	CL0782-0060-0-##	Dark Gray	Standard	105pcs per tray	300pcs per reel
GT32-4DP-1.5V(A)(##)	CL0782-0065-4-##	Brown	A Key		
GT32-4DP-1.5V(B)(##)	CL0782-0066-7-##	Green	B Key		
GT32-4DP-1.5V(C)(##)	CL0782-0067-0-##	Blue	C Key		
GT32-4DP-1.5V(D)(##)	CL0782-0068-2-##	Black	D Key		

3 Port Receptacle



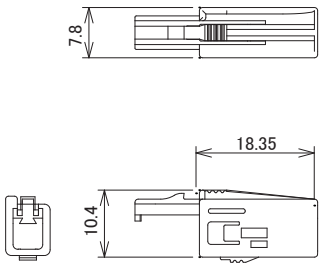
Recommended PCB Layout
(Recommended PCB Thickness : 1.6mm)
*See GT32-4DP-1.5H for detailed dimensions



Part No.	HRS No.	Color	Mating Key	Purchase Unit
GT32D-4/4/4DP-1.5HCBA	Under Planning (Note)	Brown	From left to right, CBA Key	-

Note : Product without HRS No. is currently being planned for development. Please contact a Hirose representative regarding questions on pin count variation development.

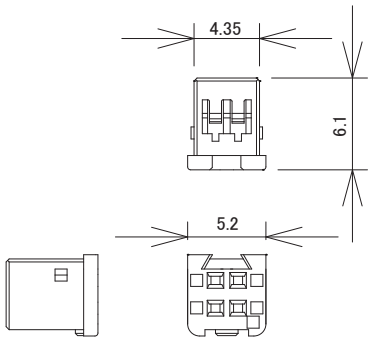
Plug Housing



				
Standard	A Key	B Key	C Key	D Key

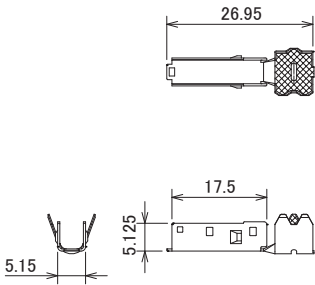
Part No.	HRS No.	Color	Mating Key	Purchase Unit
GT32-4DS-HU	CL0782-0042-9-00	Dark Gray	Standard	100pcs per bag
GT32-4DS-HU(A)	CL0782-0055-0-00	Brown	A Key	
GT32-4DS-HU(B)	CL0782-0056-3-00	Green	B Key	
GT32-4DS-HU(C)	CL0782-0057-6-00	Blue	C Key	
GT32-4DS-HU(D)	CL0782-0058-9-00	Black	D Key	

Insulation Case



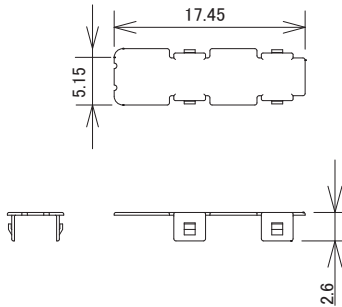
Part No.	HRS No.	Color	Purchase Unit
GT32-4DS-1.5C	CL0782-0039-4-00	Light Gray	100pcs per bag

Outer Terminal



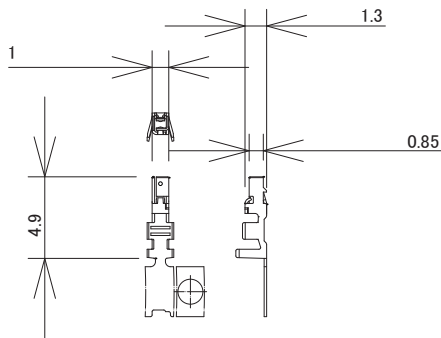
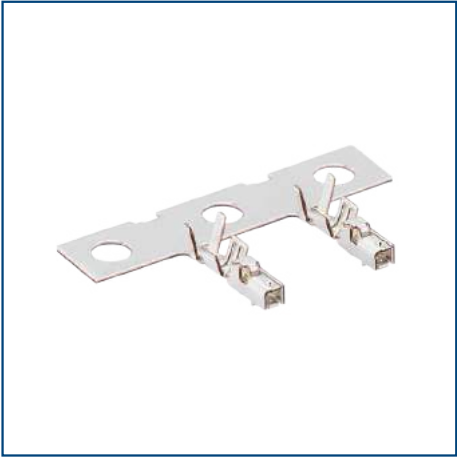
Part No.	HRS No.	Applicable Cable Diameter	Purchase Unit
GT32-4DS-5CF	CL0782-0040-3-00	φ 4.8 to 5.0	100pcs per bag

Shield Cover



Part No.	HRS No.	Purchase Unit
GT32-4DS-SC	CL0782-0041-6-00	100pcs per bag

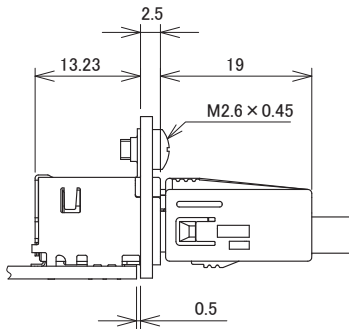
Center Terminal



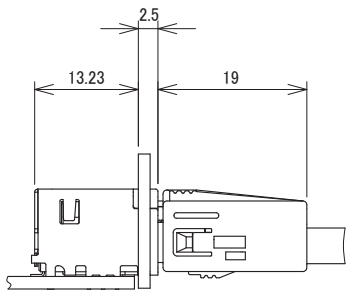
Part No.	HRS No.	Applicable Cable	Purchase Unit
GT32-2428SCF	CL0782-0007-8-00	Wire Size : 24 to 28 AWG Cable Jacket Outer Diameter : ϕ 0.8 to 1.0	10,000pcs per reel

Mated Diagram

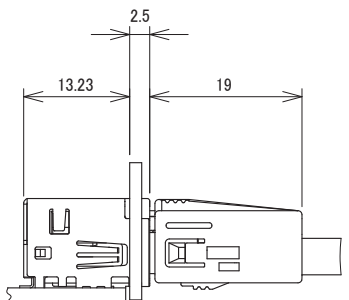
Right Angle (Flange Mount Design) to Plug Connection



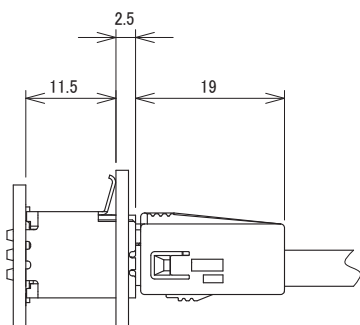
Right Angle (Non-Flanged Design) to Plug Connection



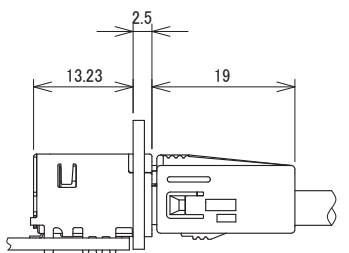
Right Angle (Enhanced Shield Design) to Plug Connection



Straight Receptacle to Plug Connection



3 Port Receptacle to Plug Connection



Applicable Tools

Contact Crimping Tool

Type	Part No.	HRS No.	Applicable Center Terminal
Automatic Crimping Machine	CM-105C	CL0901-0001-0-00	-
Applicator	AP105-GT32-2428S	CL0901-5223-2-00	GT32-2428SCF

Note 1 : Conduct crimping based on the "Crimp Quality Standard" and "Crimp Condition Table."

Contact Insertion Tool

Part No.	HRS No.	Applicable Center Terminal
GT32-CON/PR-MD	CL0902-5125-0-00	GT32-2428SCF

Note 2 : This tool uses the GT32-2428SCF only when inserting it into Insulation Case.
Please note that this tool can not be used for other Contact or Insulation Cases.

Outer Terminal Caulking Tool

Type	Part No.	HRS No.	Applicable Outer Terminal
Hand Press	HOS-7	CL0902-0132-8-00	-
Applicator	GT32-4DS-5/CR-MP	CL0902-5519-5-00	GT32-4DS-5CF
Hand Press + Applicator (Note 3)	GT32-4DS-5/CR-MP(01)	CL0902-5519-5-01	GT32-4DS-5CF

Note 3 : (01) Specifications's Outer Terminal Crimping Tool is sold as a set with the Hand Press HOS-7.

Note 4 : Usage of tools not specified by Hirose will void the warranty.

Usage Precautions

Recommended Temperature Profile	Temperature (°C) Time (s) 90±30s 30±10s 100 150 180 200 230 250 【Conditions】 1. Peak Temperature : 250°C Peak 2. Reflow Temperature/Time : 230°C Min. 20 to 40 sec. 3. Preheat Temperature : 150 to 180°C 60 to 120 sec. 4. Reflow Cycles : 2 times Max. 5. Recommended Solder Thickness : 0.12mm
Recommended Manual Soldering Conditions	Soldering Iron Temperature : 280 to 300 °C , Soldering Time : 2 seconds Max.
Precautions	1. Excessive pull force during unmating may damage the connector. If it is difficult to remove, push in lightly once and then release the lock. 2. Always make sure to turn off the power before reinserting the connector. 3. Do not directly touch the terminal when electricity is flowing since it is extremely dangerous. 4. Contact a Hirose representative for cable assembly procedures or handling manuals.

Automotive high speed signal shield connector (In-line type)

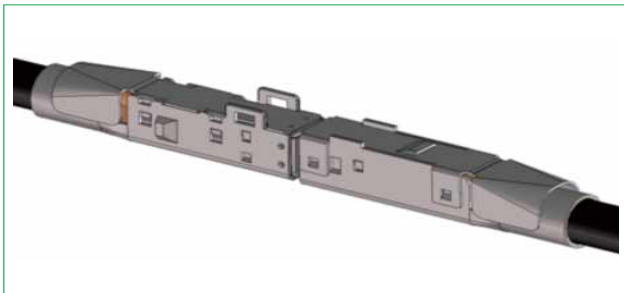
GT32F Series



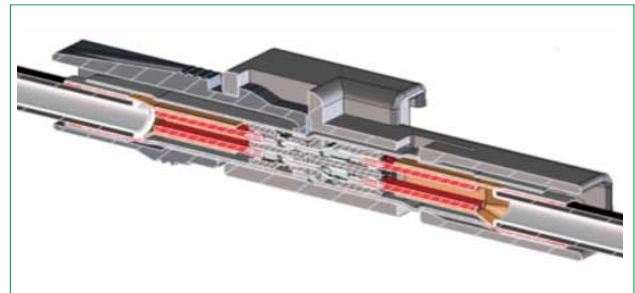
■Features

1. 1.5mm pitch, two rows
2. In-line connector
3. Number of contacts : 4
4. Supports high speed differential transmissions
Transmits signals at a speed equivalent to 3Gbps per pair.
The impedance has been adjusted in accordance with the termination method.
5. Higher EMI performance through a fully-shielded design
The fully-shielded design also offers noise resistance.
6. Satisfies rigorous test conditions for automotive devices
7. A robust lock provides a tactile click
8. Crimping termination
Compatible with 24 to 28AWG.

◆Full-shield design when mated



◆Internal structure (mated)



■High speed transmission property

●Differential impedance (equivalent to 3.4Gbps)

RISE TIME : 200ps 10%-90%
Impedance standard : $100\Omega \pm 15\%$

Reference standard : HDMI 1.4a Type A
TMDS Signals Time Domain Impedance

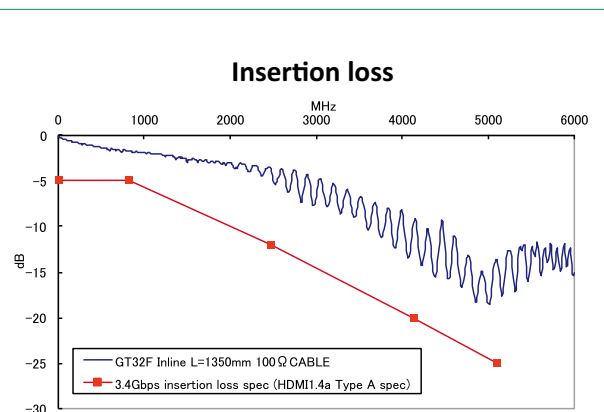
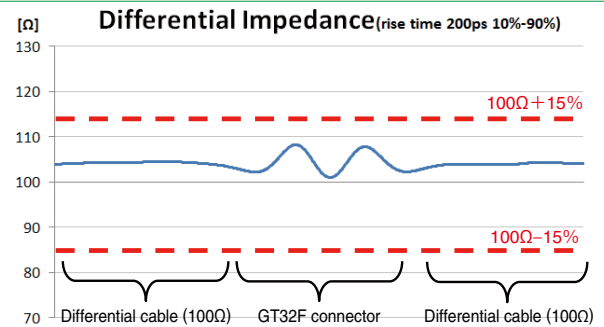
Note : Although the above standard is a transmission standard for 10.2Gbps/3pairs, values have been converted into those per a pair to describe as a reference standard for those equivalent to 3.4Gbps/pair.

●Insertion loss

Cable length : 1350mm
Including a GT32F In-line connector.

Reference standard : HDMI 1.4a Type A
Cate.2 "Sufficient Condition" 5Db Attenuation

Note : Although the above standard is a transmission standard for 10.2Gbps/3pairs, values have been converted into those per a pair to describe as a reference standard for those equivalent to 3.4Gbps/pair.



Product Specifications

Ratings	Current : 1A	Voltage : 30V AC
	Operating temperature range : -40°C to +105°C	Storage temperature range : -40°C to +105°C

Items	Specifications	Conditions
1. Contact resistance	Signal : 30mΩ max, External : 60mΩ max	Measured at 1A DC.
2. Insulation resistance	100MΩ min	Measured at 500V DC.
3. Withstanding voltage	There shall be no flashover or dielectric breakdown.	Apply 500V AC for one minute.
4. Vibration resistance	① There shall be no electrical discontinuity lasting for a minimum of 10μs. ② Contact resistance : Signal : 60mΩ max External : 120mΩ max ③ There shall be no damage, cracks or loosened parts.	Frequency : 20 to 200Hz, acceleration : 43.1m/s ² , 3 directions, 3 cycles each.
5. Humidity resistance in steady state	① Contact resistance : Signal : 60mΩ max External : 120mΩ max ② Insulation resistance : 100MΩ min ③ There shall be no damage, cracks or loosened parts.	Temperature : 60°C, relative humidity : 90 to 95%, leave 500 hours.
6. Thermal shock	① Contact resistance : Signal : 60mΩ max External : 120mΩ max ② Insulation resistance : 100MΩ min ③ There shall be no damage, cracks or loosened parts.	Temperature -40 → Room temperature → 85°C → Room temperature Time : 30 → 5 → 30 → 5 minutes 1000 cycles.
7. Repeated action	① Contact resistance : Signal : 60mΩ max External : 120mΩ max ② There shall be no damage, cracks or loosened parts.	30 mating cycles.

Product Number Structure

Refer to the chart below when determining the product specifications from the product number.

Please select from the product numbers listed in this catalog when placing orders.

Female connector crimp contact, Male connector crimp contact

GT 32 – 2428 SCF

① ② ③ ④

① Series Name	GT	③ Applicable wire size	2428 : 24 to 28AWG
② Series No.	32 (used for Female connector crimp contact) 32A (used for Male connector crimp contact)	④ Form/Packaging /Packaging type	SCF : Female connector crimp contact/reel packaging products PCF : Male connector crimp contact/reel packaging products

Female connector insulation case, Male connector insulation case

GT 32F – 4 D S – 1.5 C

① ② ③ ④ ⑤ ⑥ ⑦

① Series Name	GT	⑤ Connector type	S : Female connector P : Male connector
② Series No.	32F	⑥ Contact pitch	1.5 : 1.5mm pitch
③ Number of contacts	4	⑦ Part type	C : Insulation case
④ Number of columns	D : 2 columns		

Female connector shell, Male connector shell

Female connector shield cover, Male connector shield cover

Female connector housing, Male connector housing

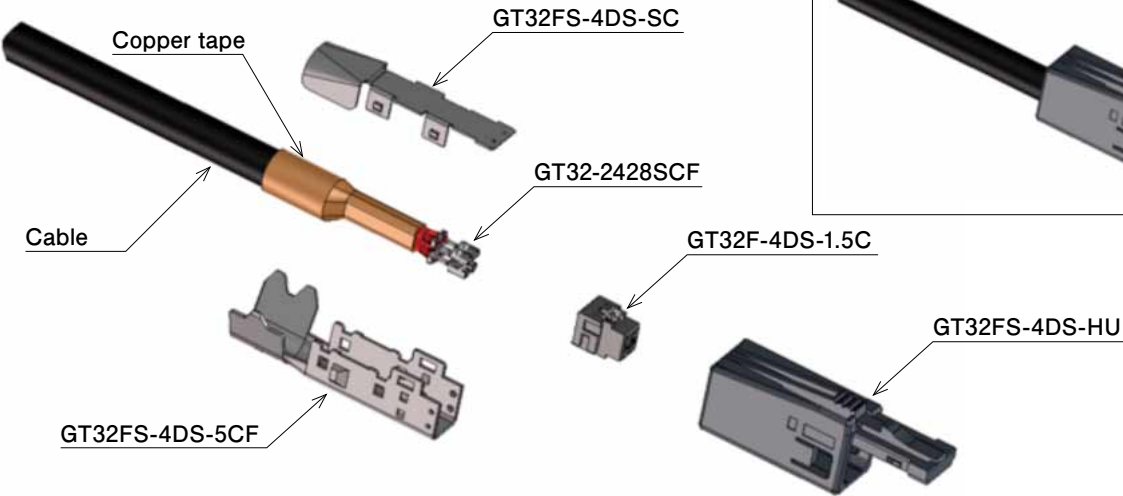
GT 32F S – 4 D S – 5CF

① ② ③ ④ ⑤ ⑥ ⑦

① Series Name	GT	⑤ Number of columns	D : 2 rows
② Series No.	32F	⑥ Connector type	S : Female connector P : Male connector
③ Shape	S : Straight	⑦ Part type	5CF : φ4.6 to 5.0 sheath crimp contact SC : Shield cover HU : Housing
④ Number of contacts	4		

Product configurations

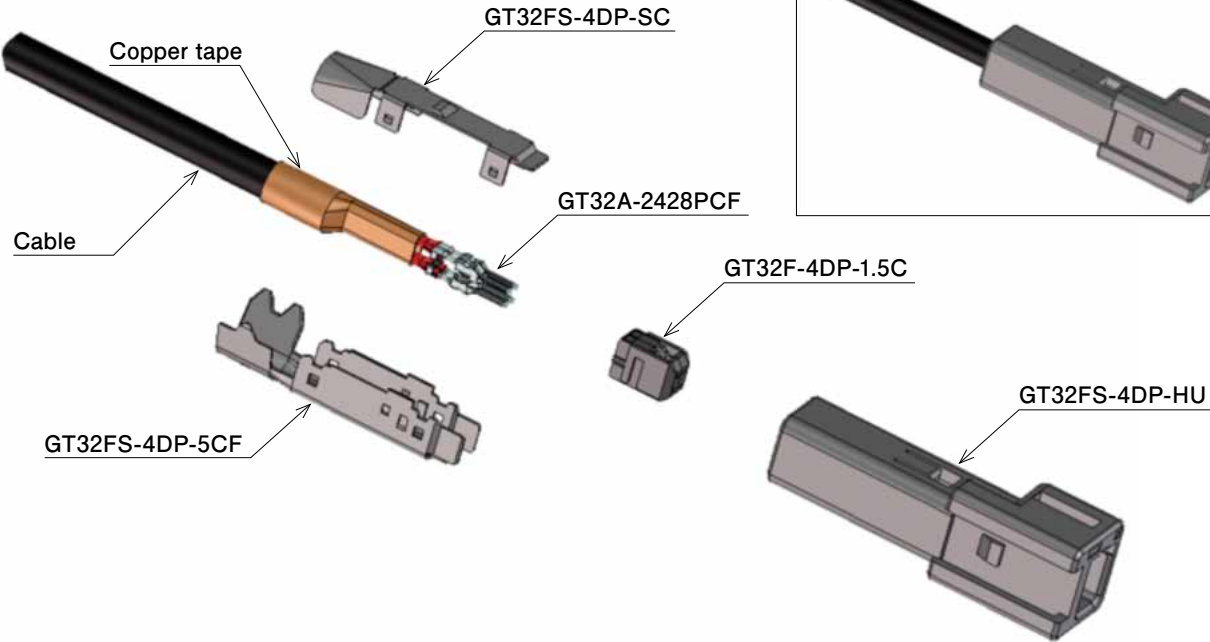
Female connector



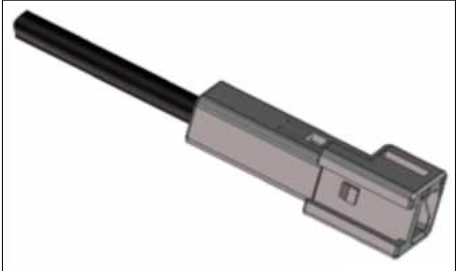
Female connector (complete)



Male connector



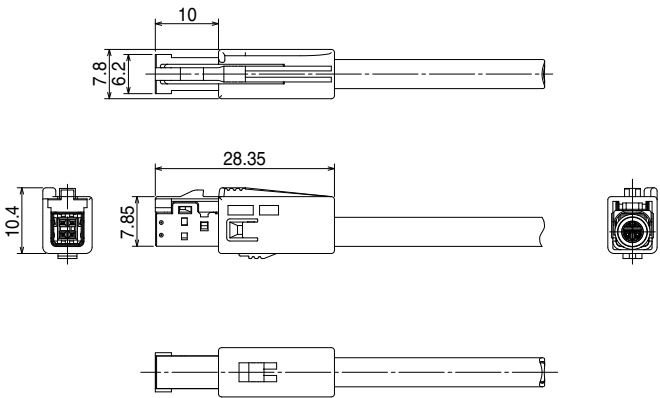
Male connector (complete)



GT32 Series Mating table

Female connector		Male connector	
GT32F 4 cores Straight plug connector	Configuration product name	GT32F 4 cores In-line connector	Configuration product name
	GT32-2428SCF		GT32A-2428PCF
	GT32F-4DS-1.5C		GT32F-4DP-1.5C
	GT32FS-4DS-5CF		GT32FS-4DP-5CF
	GT32FS-4DS-SC		GT32FS-4DP-SC
	GT32FS-4DS-HU		GT32FS-4DP-HU

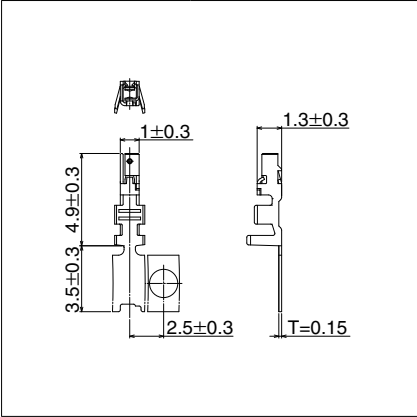
■4-core straight plug connector (Female connector)



This product includes the following parts.

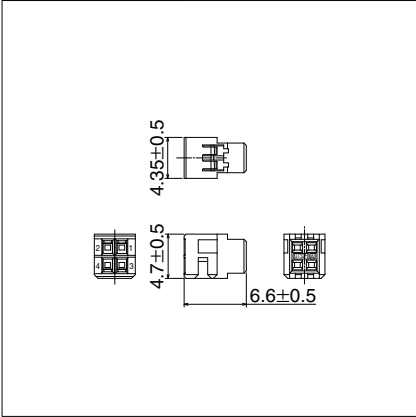
Crimp contact

Part No.	GT32-2428SCF
HRS No.	782-0007-8 00
Core cable size	24 to 28AWG
Material/finish, color	Copper alloy
Sales unit	10,000 pcs/reel
RoHS	○



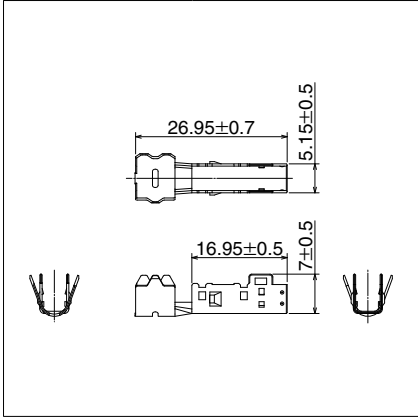
Insulation case

Part No.	GT32F-4DS-1.5C
HRS No.	782-0051-0 00
Material/finish, color	PBT/light gray
Sales unit	1 piece
RoHS	○



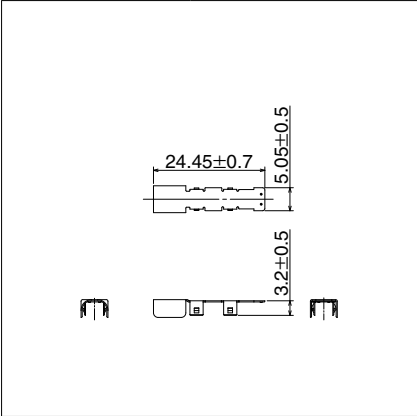
Shell

Part No.	GT32FS-4DS-5CF
HRS No.	782-0052-2 00
Cable size	φ4.6~5.0mm
Material/finish, color	Copper alloy, tin plating
Sales unit	1 piece
RoHS	○



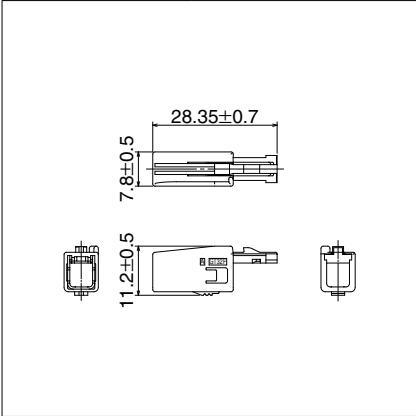
Shield cover

Part No.	GT32FS-4DS-SC
HRS No.	782-0053-5 00
Material/finish, color	Copper alloy, tin plating
Sales unit	1 piece
RoHS	○

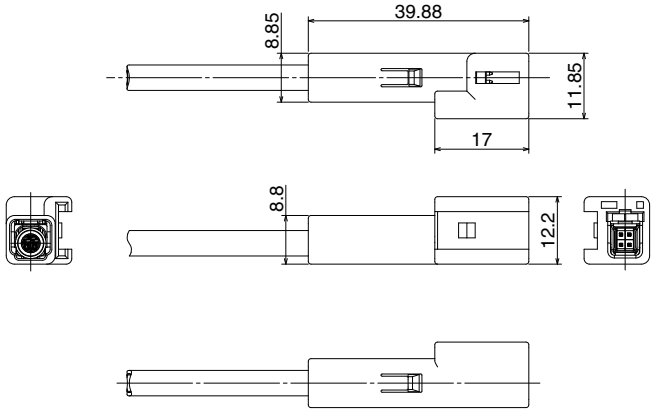


Housing

Part No.	GT32FS-4DS-HU
HRS No.	782-0054-8 00
Material/finish, color	PBT/dark gray
Sales unit	1 piece
RoHS	○



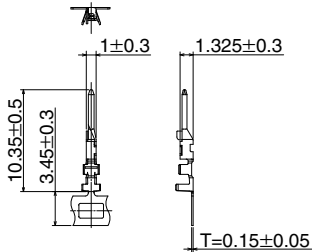
■4-core In-line connector (Male connector)



This product includes the following parts.

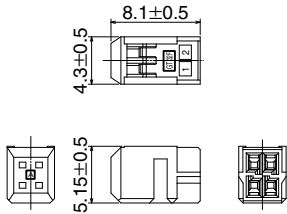
Crimp contact

Part No.	GT32A-2428PCF
HRS No.	782-0050-7 00
Core cable size	24 to 28AWG
Material/finish, color	Copper alloy
Sales unit	10,000 pcs/reel
RoHS	○



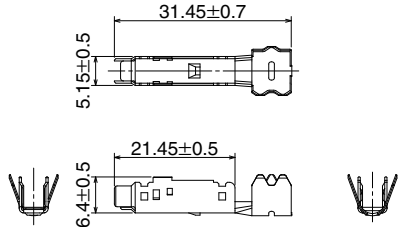
Insulation case

Part No.	GT32F-4DP-1.5C
HRS No.	782-0046-0 00
Material/finish, color	PBT/light gray
Sales unit	1 piece
RoHS	○



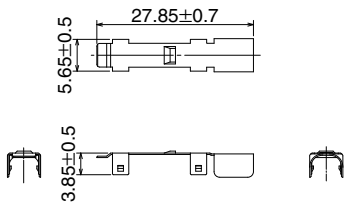
Shell

Part No.	GT32FS-4DP-5CF
HRS No.	782-0047-2 00
Cable size	φ4.6~5.0mm
Material/finish, color	Copper alloy, tin plating
Sales unit	1 piece
RoHS	○



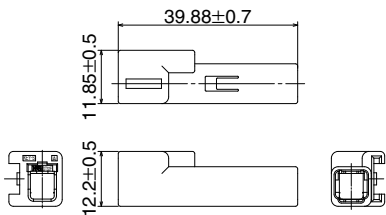
Shield cover

Part No.	GT32FS-4DP-SC
HRS No.	782-0048-5 00
Material/finish, color	Copper alloy, tin plating
Sales unit	1 piece
RoHS	○



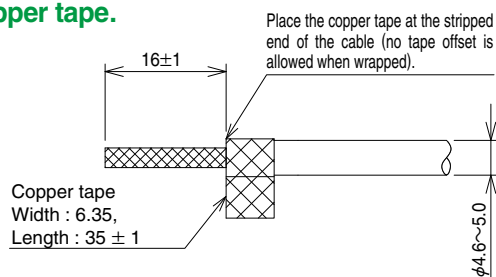
Housing

Part No.	GT32FS-4DP-HU
HRS No.	782-0049-8 00
Material/finish, color	PBT/dark gray
Sales unit	1 piece
RoHS	○

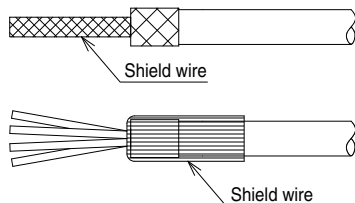


GT32F Series Female Connector Termination Method

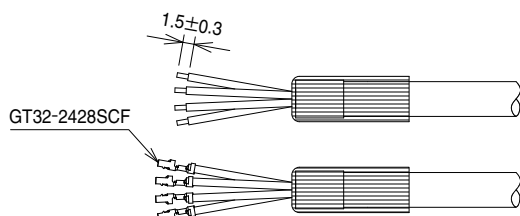
- ① Strip the external sheath and wrap with copper tape.



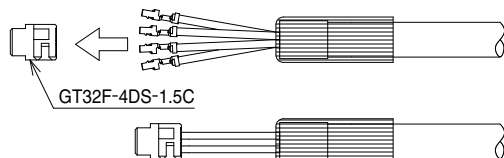
- ② Fold the shield wire.



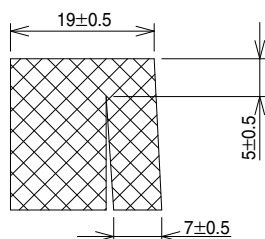
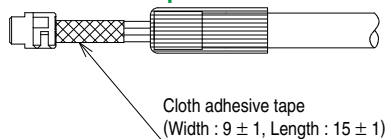
- ③ Strip the core cable to crimp a GT32-2428SCF contact.



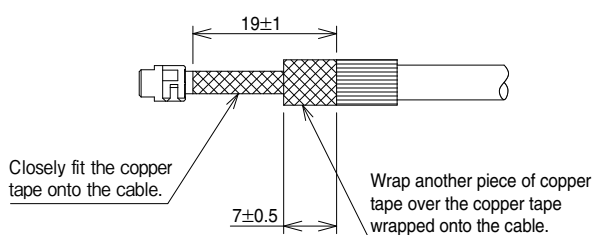
- ④ After crimped, insert the GT32-2428SCF contact into GT32F-4DS-1.5C.



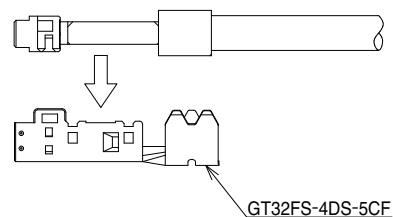
- ⑤ Wrap a piece of cloth adhesive tape onto the end of the GT32F-4DS-1.5C, and then cut the copper tape as shown below and wrap it around the cable.



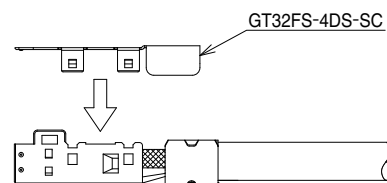
Shield adhesive tape cut dimension



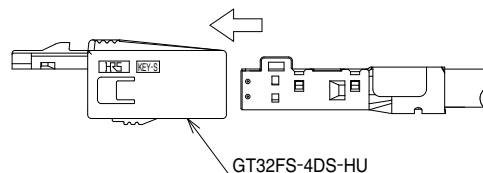
- ⑥ Cut an excess shield wire from the copper tape, and then insert the cable into GT32FS-4DS-5CF.



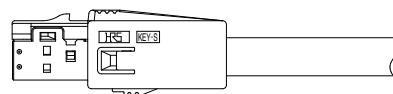
- ⑦ Crimp the GT32FS-4DS-5CF, and then cover it with GT32FS-4DS-SC.



- ⑧ Assemble GT32FS-4DS-HU.



- ⑨ Completed assembly

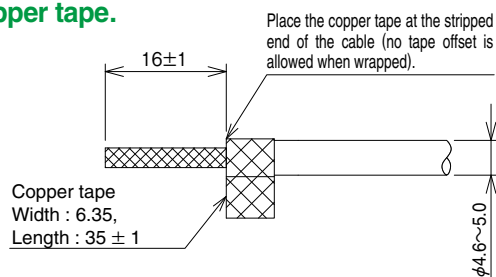


Note 1 : The harness method may differ depending on the configuration and material of the cable.

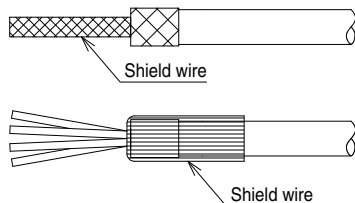
Note 2 : The crimp height must be set per cable. Follow the crimping condition table.

◆GT32F Series Male Connector Termination Method

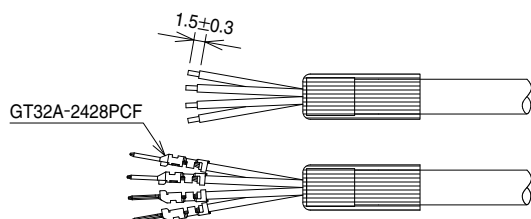
- ① Strip the external sheath and wrap with copper tape.



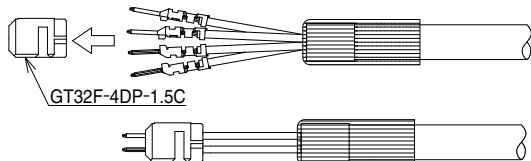
- ② Fold the shield wire.



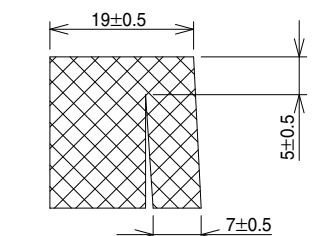
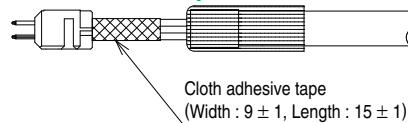
- ③ Strip the core cable to crimp a GT32A-2428PCF contact.



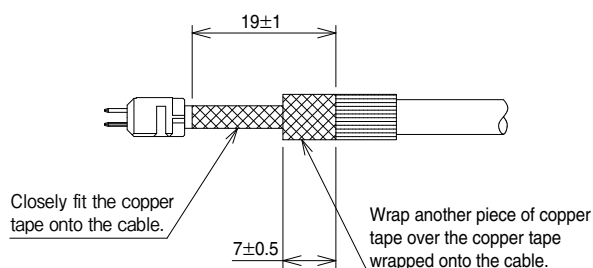
- ④ After crimped, insert the GT32A-2428PCF contact into GT32F-4DP-1.5C.



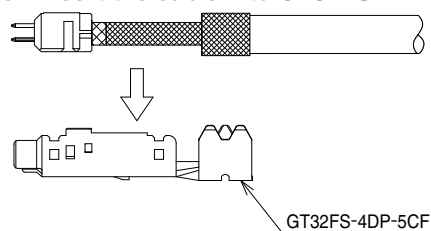
- ⑤ Wrap a piece of cloth adhesive tape onto the end of the GT32F-4DP-1.5C, and then cut the copper tape as shown below and wrap it around the cable.



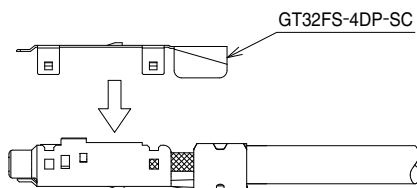
■Copper tape cut dimension



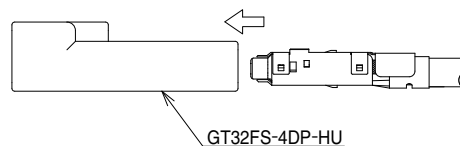
- ⑥ Cut an excess shield wire from the copper tape, and then insert the cable into GT32FS-4DP-5CF.



- ⑦ Crimp the GT32FS-4DP-5CF, and then cover it with GT32FS-4DP-SC.



- ⑧ Assemble GT32FS-4DP-HU.



- ⑨ Completed assembly



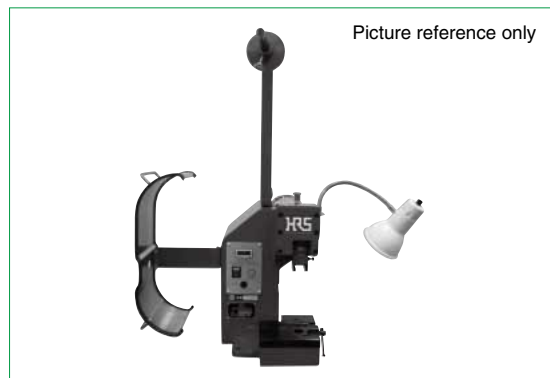
Note 1 : The harness method may differ depending on the configuration and material of the cable.

Note 2 : The crimp height must be set per cable. Follow the crimping condition table.

◆Crimping tools

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

●Automatic Crimping Machine



Specifications

Item	Specification	Remarks
Press capacity	1.5Ton	
Stroke	30mm	
Number of strokes	200spm (50Hz)	240spm (60Hz)
Weight	75kg	
Motor	0.2kw	AC 100V
Crimping speed	2000 to 4000 pcs. per hour	

Part No. CM-105C

Note : Please refer to the table below for applicator product numbers.

●Applicator (for use with the automatic crimping machine)

Terminal Part No.	Terminal HRS No.	Tool Part No.	Tool HRS No.
GT32-2428SCF	782-0007-8 00	AP105-GT32-2428S	901-5223-2 00
GT32A-2428PCF	782-0050-7 00	Under development	Under development

Note 1 : Crimp heights may differ depending on the cable specification, so please consult a HRS representative for assistance.

Note 2 : Before purchasing Hirose tooling, please make sure that your selected cable will work with the Hirose applicator.

Note 3 : Cables that are different from those specified by Hirose may not be suitable and may require modification to the applicator to obtain a proper crimp.

●Hand press



Part No. HOS-7

●Crimp tool for outer shield (Module for HOS-7)

Terminal Part No.	Terminal HRS No.	Tool Part No.	Tool HRS No.
GT32FS-4DS-5CF	782-0052-2 00	Under development	Under development
GT32FS-4DP-5CF	782-0047-2 00	Under development	Under development

Note 1 : (01) is set unit (HOS-7 and Crimp tool).

Note 2 : Crimp height sets for each cable. Please ask HRS sales in detail. Take time to define new crimp height.

Note 3 : Please ask Crimp height for your cable when you use HRS tool.

Note 4 : Applicable tool may be changed by specific cable.

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
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Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
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Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
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Орел (4862)44-53-42
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Псков (8112)59-10-37
Пермь (342)205-81-47

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Саранск (8342)22-96-24
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Смоленск (4812)29-41-54
Сочи (862)225-72-31
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Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
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