

GT50 Series

1mm Pitch, Single Row, Small Size, Heat/Vibration Resistant Wire-to-Board Connector for Automotive Internal Connection



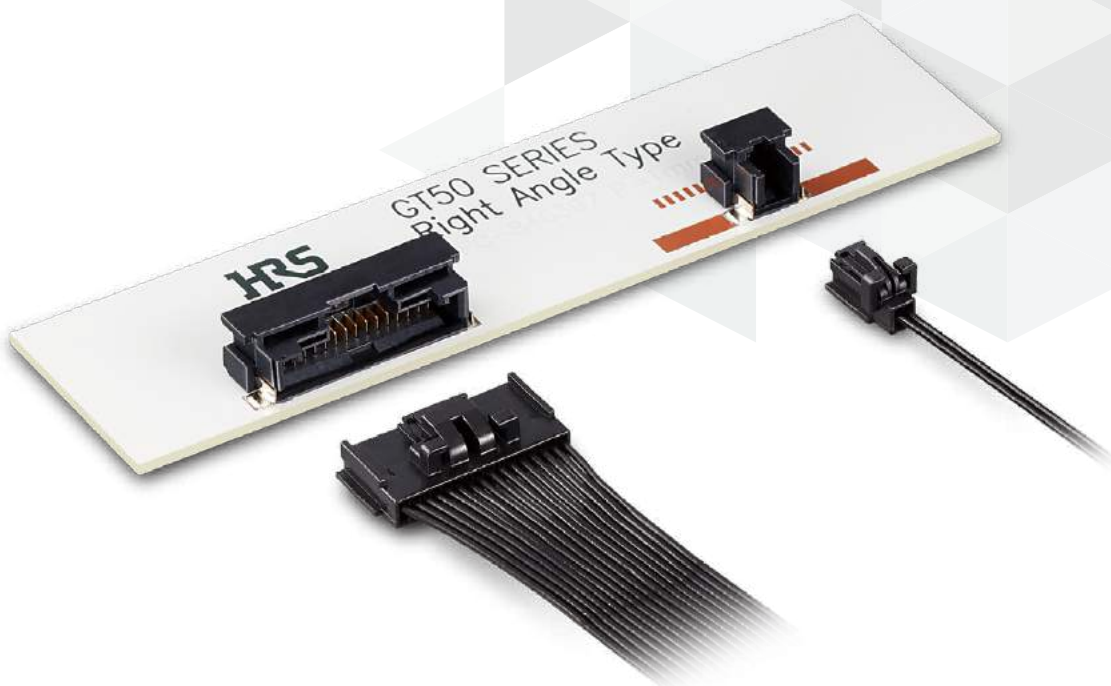
Space Saving



High Reliability



High Temp



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
Ноябрьск (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

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Features

1. Compact and Low Profile (1mm Pitch)

Space-saving design that contributes to size reduction of end product.

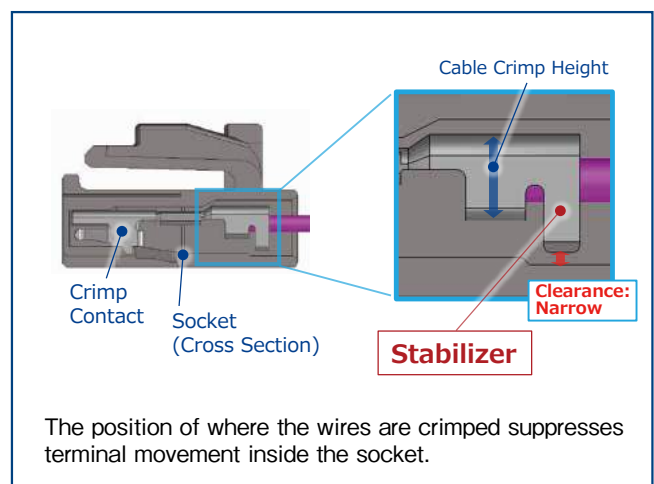
2. High Heat Resistance up to 125°C

125°C heat resistance (Note) makes GT50 ideal for applications requiring high heat resistance such as automotive.

Note : Includes temperature rise due to current flow.

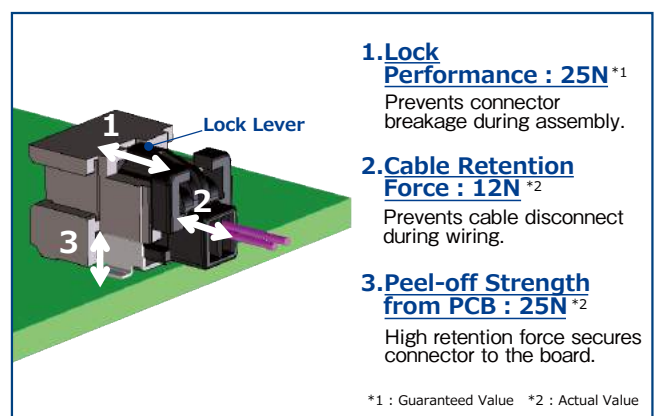
3. High Vibration Resistance

The stabilizer which suppresses vibration from the outside, reduces contact wear between the header terminal and crimp terminal and achieves stable contact even under intense vibration.



4. Robust design for cable routing that resists disconnecting.

GT50 has high strength in a compact size.



Robust Design

5. User-Friendly Lock Design

Incomplete mating prevention for enhanced contact reliability.

Product Specifications

Rated Current	2, 4pos.	6, 8, 12, 16pos.	Operating Temperature (Note 1)	-40 to +125°C
	2A	1.5A	Storage Temperature Range (Note 2)	-10 to +60°C
Rated Voltage	60V AC/DC		Storage Humidity Range (Note 2)	Relative Humidity 86% Max. (No Condensation)

Items	Specifications	Conditions
Contact Resistance	30m Ω Max.	Measured at 1mA DC, 20mV AC
Insulation Resistance	500M Ω Min.	Measured at 100V DC
Withstanding Voltage	There shall be no dielectric breakdown.	300V AC for 1 min.
Mating Durability	Contact Resistance : 50m Ω Max.	10 Insertion/Extraction cycles
Vibration Resistance	No electrical discontinuity of 1 μ s or more. Contact Resistance : 50m Ω Max.	Frequency : 5 to 600Hz (Constant Acceleration of 5 to 14.9Hz : 16.5mm(p-p), Constant Acceleration of 14.9 to 600Hz : 73.0m/s ²) 8 hours in 3 directions
Shock Resistance	No electrical discontinuity of 1 μ s or more.	Peak Acceleration : 500m/s ² 10 cycles in each direction of 3 axes
Lock Strength	25N Min.	Lock breaking strength measured when pulling in mating axis direction
Humidity Resistance	Contact Resistance : 50m Ω Max. Insulation Resistance : 100M Ω Min.	Left for 96 hours at a temperature of 60°C and a relative humidity humidity 90 to 95%
Thermal Shock	Contact Resistance : 50m Ω Max.	Temperature : -40°C → Room temperature → +125°C → Room temperature Time : 30 → 5 → 30 → 5 minutes for 1000 cycles
Heat Resistance	Contact Resistance : 50m Ω Max.	Left at 125°C for 1000 hours
Cold Resistance	Contact Resistance : 50m Ω Max.	Left at -40°C for 1000 hours

Note 1 : Includes temperature rise caused by current flow.

Note 2 : Storage refers to long-term storage of unused items before they are mounted on the PCB.

Operating temperature and humidity range apply when the product is not powered after PCB mounting and when temporarily stored during transportation.

Materials / Finish

Component	Part	Material	Color / Finish	UL Standard
Header	Housing	LCP	Black	UL94V-0
	Terminal	Brass	Gold Plating (Contact Area and SMT Lead)	—
	Retention Tabs	Brass	Tin Plating	—
Socket	Housing	PBT	Black	UL94V-0
Crimp Terminal		Copper Alloy	Gold Plating (Contact Area)	—

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.

Header/Socket

GT50 - 2 P - 1 H

① ② ③ ④ ⑤

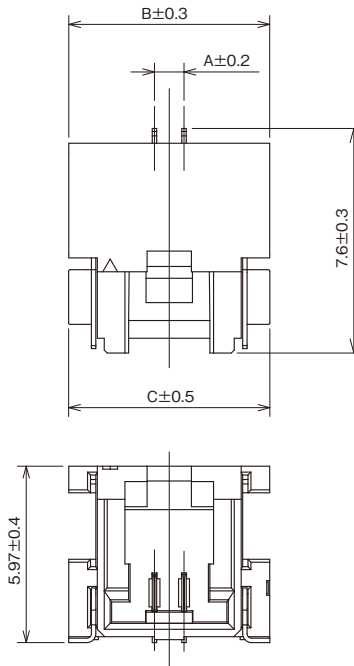
Crimp Terminal

GT50 - 28 SCFA

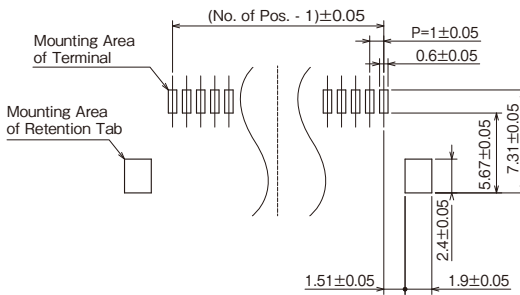
① ⑥ ⑦

① Series Name	GT50	④ Pitch	1mm
② No. of Pos.	2, 4, 6, 8, 12, 16	⑤ Product Type	H : SMT Right Angle Type C : Crimp Socket
③ Connector Type	P : Header S : Socket	⑥ Applicable Cable	28 AWG (0.08sq)
		⑦ Type /Packaging Type	Contact / Reel

Right Angle Header



● Recommended PCB Layout



Unit : mm

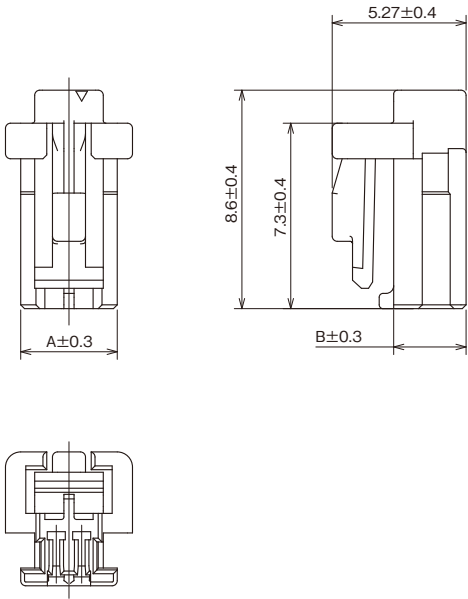
Part No.	HRS No.	No. of Pos.	A	B	C	Purchase Unit
GT50-2P-1H	CL0760-1002-0-00	2	1.0	6.8	6.81	1,000pcs per reel
GT50-4P-1H	Under Planning (Note)	4	3.0	8.8	8.81	
GT50-6P-1H	Under Planning (Note)	6	5.0	10.8	10.81	
GT50-8P-1H	Under Planning (Note)	8	7.0	12.8	12.81	
GT50-12P-1H	Under Planning (Note)	12	11.0	16.8	16.81	
GT50-16P-1H	CL0760-1012-0-00	16	15.0	20.8	20.81	

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

Socket



Shown with crimp terminal inserted.

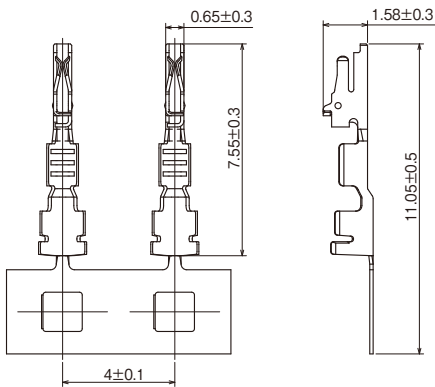


Unit : mm

Part No.	HRS No.	No. of Pos.	A	B	Purchase Unit
GT50-2S-1C	CL0760-1003-0-00	2	3.8	2.85	100pcs per bag
GT50-4S-1C	Under Planning (Note)	4	5.8		
GT50-6S-1C	Under Planning (Note)	6	7.8		
GT50-8S-1C	Under Planning (Note)	8	9.8		
GT50-12S-1C	Under Planning (Note)	12	13.8	3.44	
GT50-16S-1C	CL0760-1013-0-00	16	17.8		

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

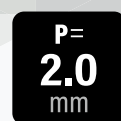
Crimp Terminal



Part No.	HRS No.	Applicable Cable	Purchase Unit
GT50-28SCFA	CL0760-1001-0-00	28 AWG (0.08sq) Coated Outer Diameter ϕ 0.7-0.8mm	28,000pcs per reel

GT8E Series

2.0mm Pitch, Wire-to-Board, Wire-to-Wire Connector



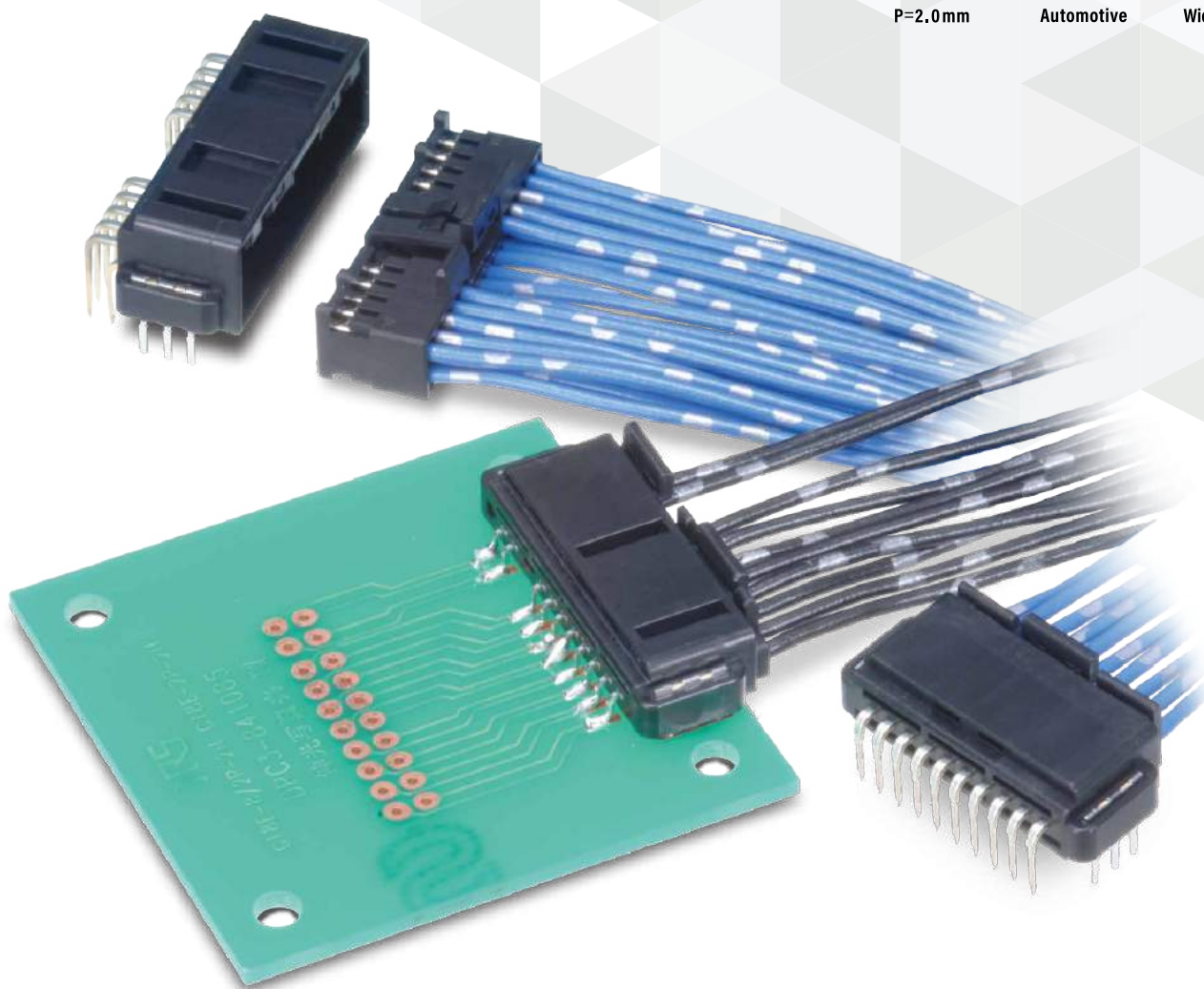
P=2.0mm



Automotive



Wide Variation



Features

1. Contact portion oxidation prevention

Air-tight dimple design prevents oxidation of the contact portion.

2. Mis-insertion prevention design

3. Prying prevention

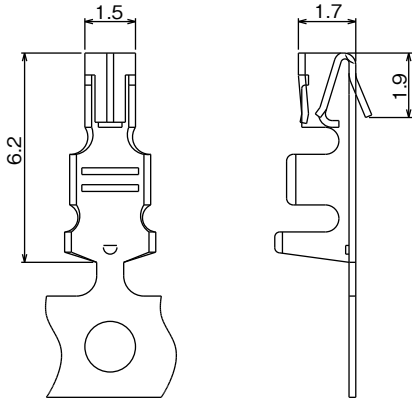
4. Ensures high peeling strength

The SMT type pin header uses a lead reflow retention tab to ensure high peeling strength.

Applications

For use inside automotive and industrial equipment.

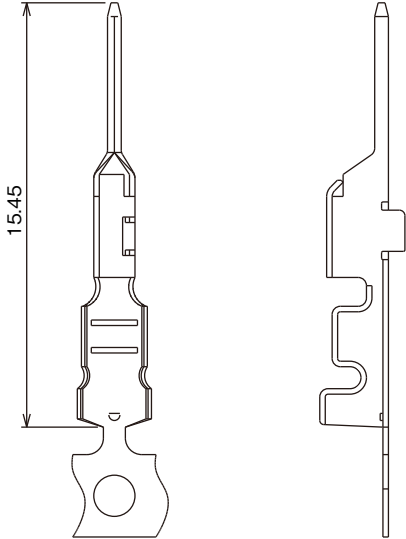
Female Connector Terminal



Part No.	HRS No.	Material	Finish	Wire Size	Jacket Outer Diameter	Purchase Unit
GT8E-2022SCF	CL0758-0033-4-00	Phosphor Bronze	Tin Plating	20-22 AWG	ϕ 1.3-1.5	10,000pcs per reel
GT8E-2022SCF(01)	CL0758-0033-4-01		Gold Plating			
GT8B-2428SCF	CL0758-0055-7-00		Tin Plating	24-28 AWG	ϕ 0.9-1.1	
GT8B-2428SCF(01)	CL0758-0055-7-01		Gold Plating			
GT8E-2022SC (Note)	CL0758-0101-2-00		Tin Plating	20-22 AWG	ϕ 1.3-1.5	100pcs per bag

Note : Product packaged in bag for use with hand tool.

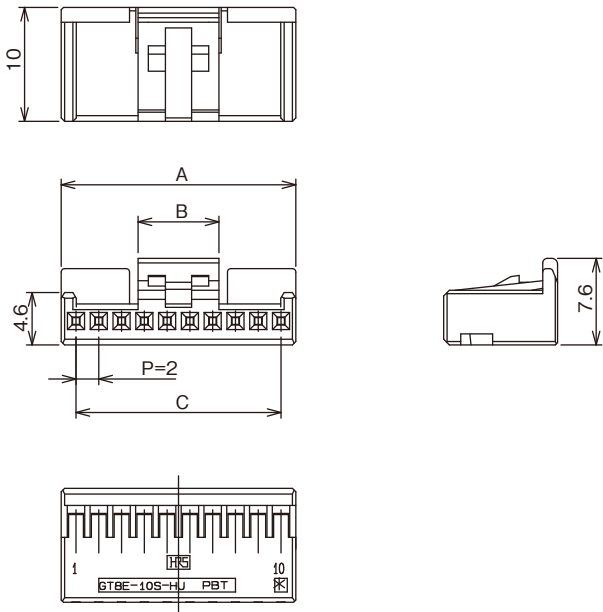
Male Connector Terminal



Part No.	HRS No.	Material	Finish	Wire Size	Jacket Outer Diameter	Purchase Unit
GT8E-2022PCF	CL0758-0039-0-00	Brass	Tin Plating	20-22 AWG	φ 1.3-1.5	10,000pcs per reel
GT8EF-2022PCF	CL0758-0111-6-00		Gold Plating			8,000pcs per reel
GT8E-2428PCF	CL0758-0067-6-00		Tin Plating	24-28 AWG	φ 0.9-1.1	10,000pcs per reel
GT8EF-2428PCF	CL0758-0106-6-00		Gold Plating		φ 1.3-1.5	8,000pcs per reel

Female Connector Housing (1 Row Type)

● GT8E-#S-HU

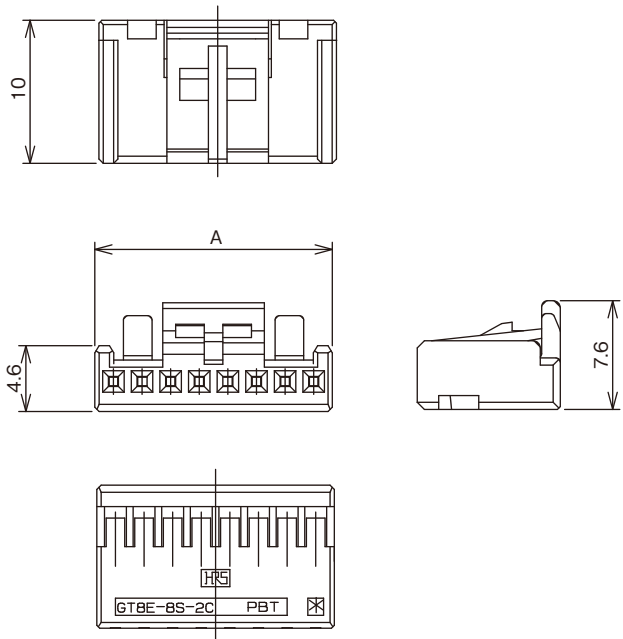


Unit : mm

Part No.	HRS No.	Material	Color	No. of Pos.	A	B	C	Purchase Unit
GT8E-3S-HU	CL0758-0061-0-00	PBT	Black	3	7.9	7.9	4.0	100pcs per bag
GT8E-4S-HU	CL0758-0047-9-00			4	8.6	8.6	6.0	
GT8E-5S-HU	CL0758-0062-2-00			5	12.0	7.1	8.0	
GT8E-6S-HU	CL0758-0048-1-00			6	12.6		10.0	
GT8E-7S-HU	CL0758-0063-5-00			7	15.6		12.0	
GT8E-8S-HU	CL0758-0049-4-00			8	16.6		14.0	
GT8E-10S-HU	CL0758-0050-3-00			10	20.6		18.0	

Note : The compatible terminals for tin plating are GT8E-2022SCF, GT8B-2428SCF, and GT8E-2022SC.
The compatible terminals for gold plating are GT8E-2022SCF(01) and GT8B-2428SCF(01).

● GT8E-#S-2C



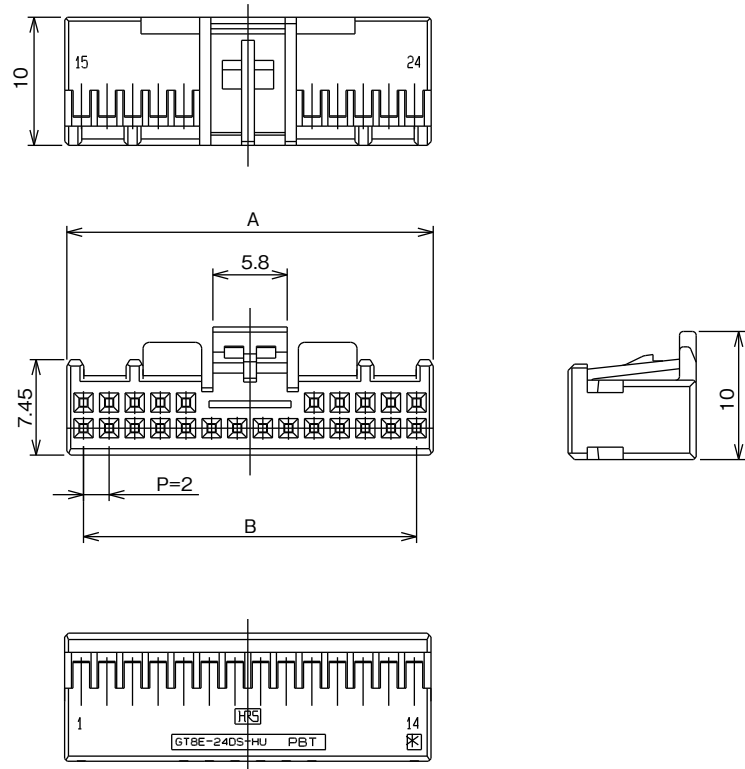
Unit : mm

Part No.	HRS No.	Material	Color	No. of Pos.	A	Purchase Unit
GT8E-2S-2C	CL0758-0030-6-00	PBT	Black	2	7.1	100pcs per bag
GT8E-8S-2C	CL0758-0029-7-00			8	16.6	

Note 1 : The compatible terminals for tin plating are GT8E-2022SCF, GT8B-2428SCF, and GT8E-2022SC.
The compatible terminals for gold plating are GT8E-2022SCF(01) and GT8B-2428SCF(01).

Note 2 : Socket GT8E-2S-2C mates with GT8E-2P-2H(57), GT8E-8/2P-2H(56) and GT8E-2P-DS(55).
Socket GT8E-8S-2C mates with GT8E-8/2P-2H(56) and GT8E-8/5P-2H(55).

Female Connector Housing (2 Row Type)

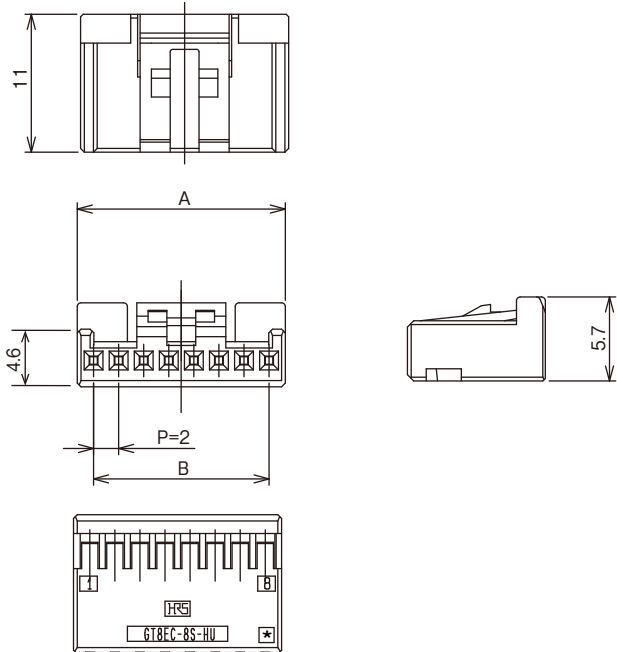


Unit : mm

Part No.	HRS No.	Material	Color	No. of Pos.	A	B	Purchase Unit
GT8E-12DS-HU	CL0758-0051-6-00	PBT	Black	12	16.6	14.0	100pcs per bag
GT8E-16DS-HU	CL0758-0064-8-00			16	21.85	18.0	
GT8E-20DS-HU	CL0758-0052-9-00			20	24.6	22.0	
GT8E-24DS-HU	CL0758-0054-4-00			24	28.6	26.0	

Note : The compatible terminals for tin plating are GT8E-2022SCF, GT8B-2428SCF, and GT8E-2022SC.
The compatible terminals for gold plating are GT8E-2022SCF(01) and GT8B-2428SCF(01).

Female Connector Housing (Low Height Type)



Unit : mm

Part No.	HRS No.	Material	Color	No. of Pos.	A	B	Purchase Unit
GT8EC-3S-HU	CL0758-1017-3-00	PBT	Black	3	7.9	4.0	100pcs per bag
GT8EC-5S-HU	CL0758-0074-1-00			5	12.0	8.0	
GT8EC-8S-HU	CL0758-1018-6-00			8	16.6	14.0	
GT8EC-14S-HU	CL0758-0224-2-00			14	28.4	26.0	

Note : The compatible terminals for tin plating are GT8E-2022SCF, GT8B-2428SCF, and GT8E-2022SC.
The compatible terminals for gold plating are GT8E-2022SCF(01) and GT8B-2428SCF(01).

In-line Type

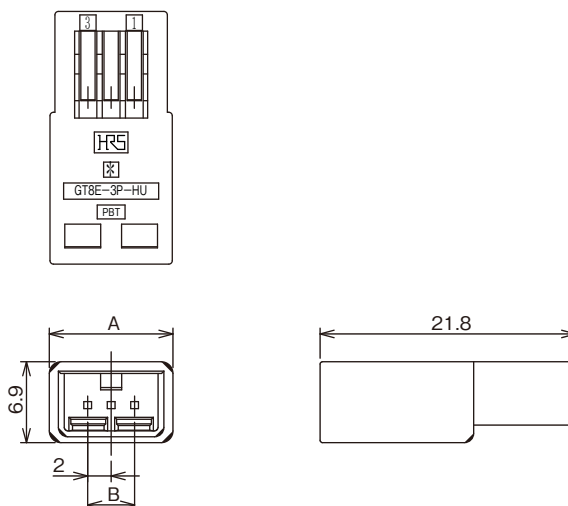
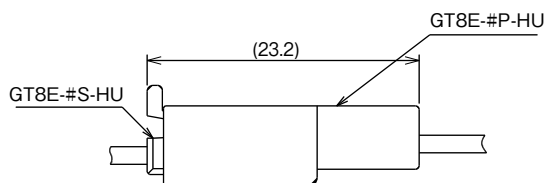


Diagram of Mating Condition During Use



Unit : mm

Part No.	HRS No.	Material	Color	No. of Pos.	A	B	Purchase Unit
GT8E-3P-HU	CL0758-0084-5-00	PBT	Black	3	10.55	4.0	100pcs per bag
GT8E-4P-HU	CL0758-0082-0-00			4		6.0	
GT8E-8P-HU	CL0758-0038-8-00			8		14.0	

Note 1 : The compatible terminals for tin plating are GT8E-2022PCF and GT8E-2428PCF.

The compatible terminals for gold plating are GT8EF-2022PCF and GT8EF-2428PCF.

Note 2 : GT8E-3P-HU mates with GT-8E-3S-HU. GT8E-4P-HU mates with GT8E-4S-HU. GT8E-8P-HU mates with GT8E-8S-2C.

Note 3 : GT8E-8P-HU can mate with GT8E-8S-HU, but if mated at a diagonal can interfere with the male terminal.

Right Angle Pin Header (1 Row SMT Type)

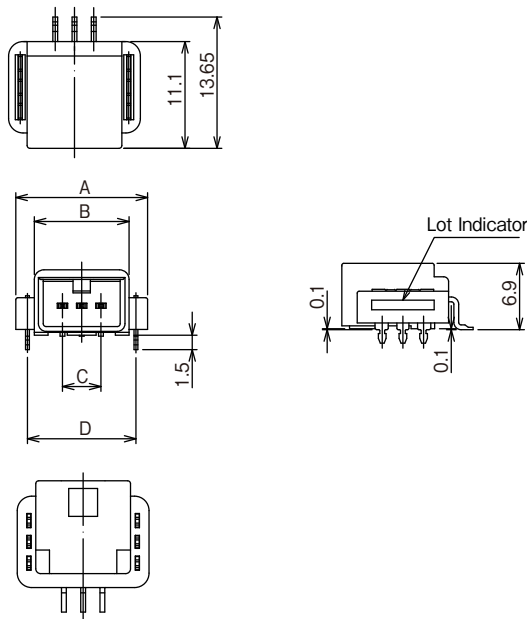
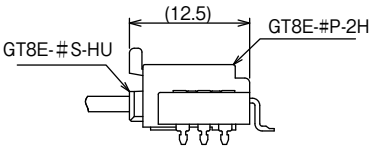
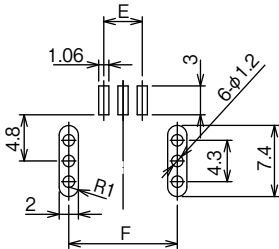


Diagram of Mating Condition During Use



Recommended PCB Dimensions



Unit : mm

Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	A	B	C	D	E	F	Purchase Unit
GT8EA-2P-2H(55)	CL0758-0113-1-55	Material : PPS Color : Black	Tin Plating	2	12.9	9.05	2.0	10.58	2.0	10.58	450pcs per reel
GT8E-3P-2H(55)	CL0758-0096-4-55			3	13.7	9.85	4.0	11.28	4.0	11.28	400pcs per reel
GT8E-3P-2H(56)	CL0758-0096-4-56		Contact Area : Gold Plating Mounting Area : Tin Plating	3	13.7	9.85	4.0	11.28	4.0	11.28	400pcs per reel
GT8E-4P-2H(55)	CL0758-0079-5-55		Tin Plating	4	14.4	10.55	6.0	11.98	6.0	11.98	450pcs per reel
GT8E-5P-2H(55)	CL0758-1004-1-55			5	17.8	13.95	8.0	15.38	8.0	15.38	
GT8E-6P-2H(55)	CL0758-1005-4-55			6	18.4	14.55	10.0	15.98	10.0	15.98	
GT8E-7P-2H(55)	CL0758-0126-3-55			7	21.4	17.55	12.0	18.98	12.0	18.98	
GT8E-8P-2H(55)	CL0758-1006-7-55			8	22.4	18.55	14.0	19.98	14.0	19.98	
GT8E-10P-2H(55)	CL0758-1007-0-55			10	26.4	22.55	18.0	23.98	18.0	23.98	
GT8E-14P-2H(55)	CL0758-0223-0-55			14	36.4	30.55	26.0	31.78	26.0	31.78	

Right Angle Pin Header (2 Row SMT Type)

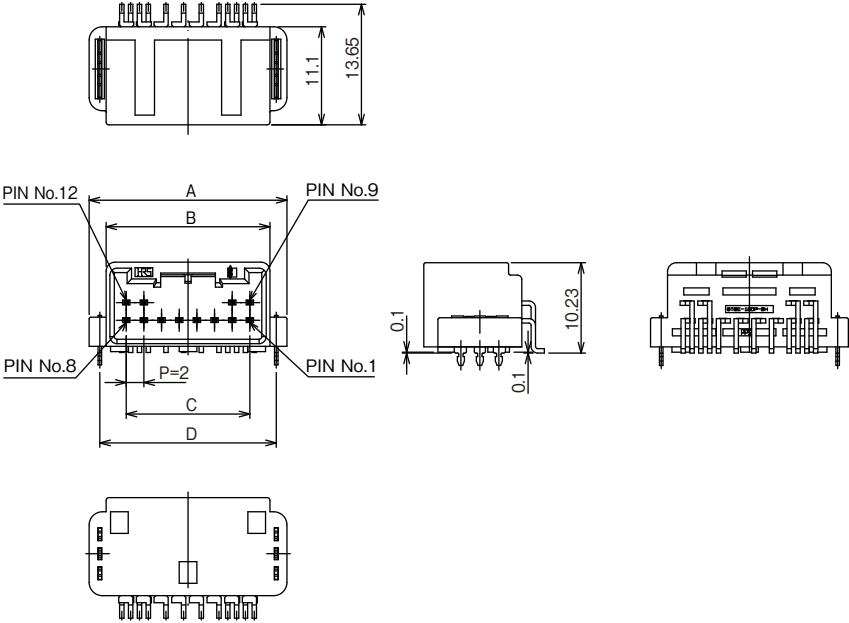
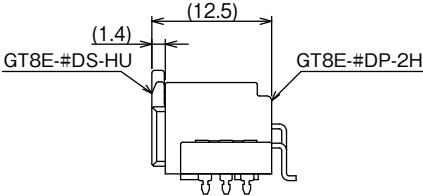
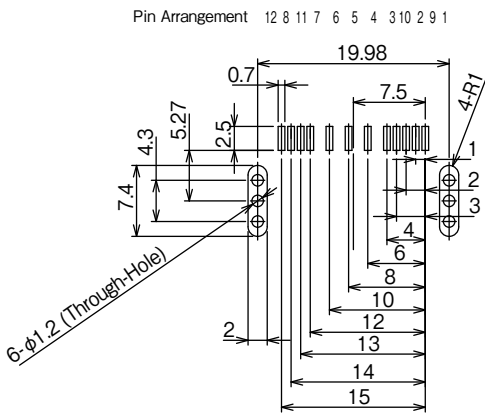


Diagram of Mating Condition During Use



Recommended PCB Dimensions



Unit : mm

Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	A	B	C	D	Purchase Unit
GT8E-12DP-2H(55)	CL0758-1008-2-55	Material : PPS Color : Black	Tin Plating	12	22.4	18.55	14.0	19.98	300pcs per reel
GT8E-16DP-2H(55)	CL0758-1009-5-55			16	27.45	23.6	18.0	25.03	
GT8E-20DP-2H(55)	CL0758-1010-4-55			20	30.2	26.35	22.0	27.78	
GT8E-24DP-2H(55)	CL0758-1011-7-55			24	34.2	30.35	26.0	31.78	

Straight Pin Header (1 Row SMT Type)

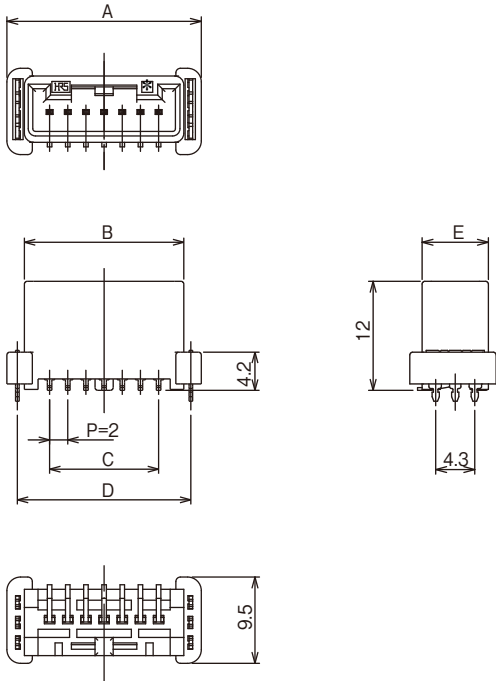
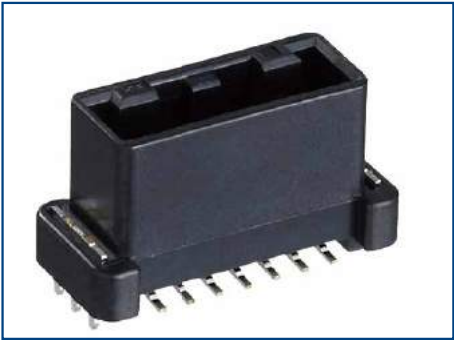
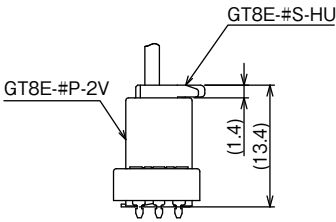
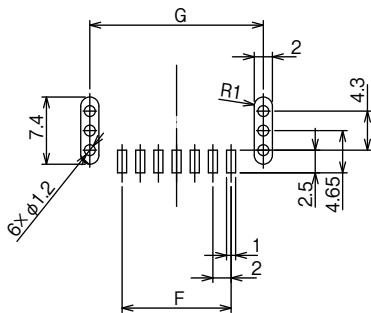


Diagram of Mating Condition During Use



Recommended PCB Dimensions (Connector Side)



Unit : mm

Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	A	B	C	D	E	F	G	Purchase Unit
GT8E-2P-2V(55)	CL0758-0202-0-55	Material : PPS Color : Black	Tin Plating	2	13.0	9.15	2.0	10.6	6.85	2.0	10.6	300pcs per reel
GT8E-4P-2V(55)	CL0758-0121-0-55			4	14.4	10.55	6.0	11.98	7.3	6.0	11.98	
GT8E-7P-2V(55)	CL0758-0227-0-55			7	21.4	17.55	12.0	19.1	7.3	12.0	19.1	
GT8E-10P-2V(55)	CL0758-0232-0-55			10	26.4	22.55	18.0	24.1	7.3	18	24.1	

Straight Pin Header (1 Row SMT with L-shaped Retention Tabs)

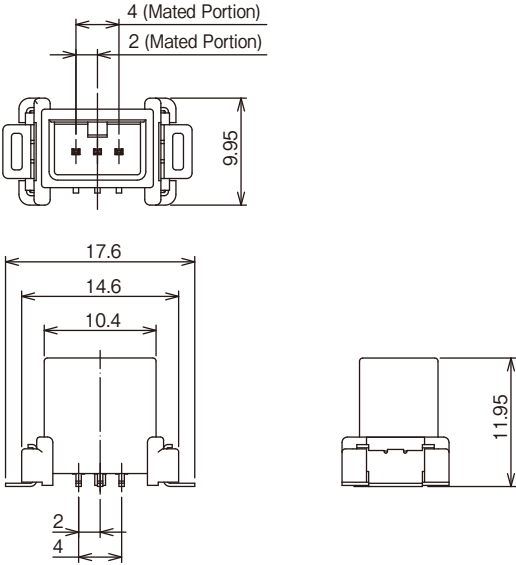
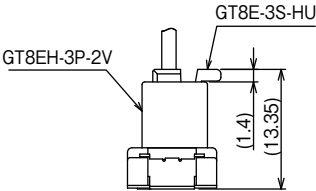
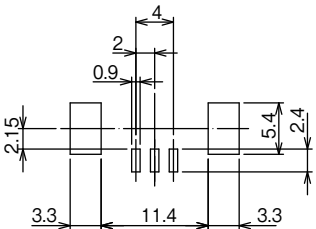


Diagram of Mating Condition During Use

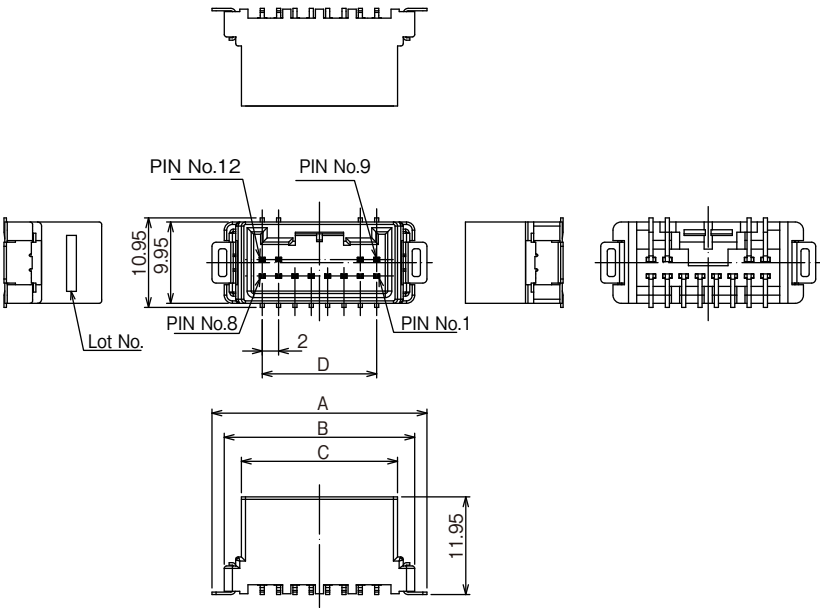
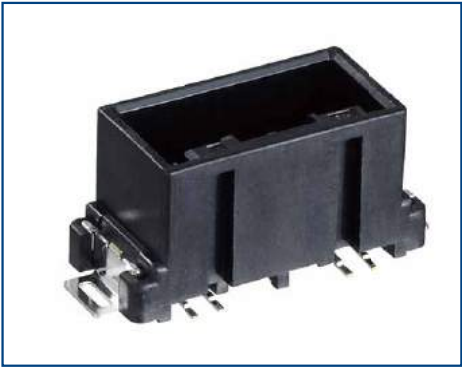


Recommended PCB Dimensions

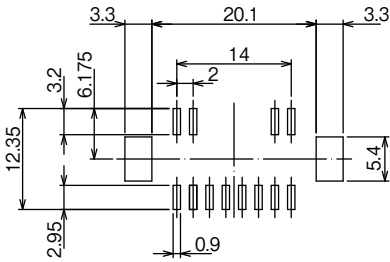


Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	Purchase Unit
GT8EH-3P-2V(55)	CL0758-1016-0-55	Material : PPS Color : Black	Tin Plating	3	200pcs per reel

Straight Pin Header (2 Row SMT with L-shaped Retention Tabs)



Recommended PCB Dimensions



Note : Drawing of GT8EH-12DP-2V(58)

Unit : mm

Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	A	B	C	D	Purchase Unit
GT8EH-12DP-2V(58)	CL0758-1019-9-58	Material : PPS Color : Black	Tin Plating	12	26.3	23.3	19.1	14.0	200pcs per reel
GT8EH-14DP-2V(56)	CL0758-0225-5-56		Contact Area : Gold Plating	14	28.3	25.3	21.1	16	
GT8EH-24DP-2V(57)	CL0758-1020-8-57		Mounting Area : Tin Plating	24	38.3	35.3	31.1	26	

Right Angle Pin Header (1 Row SMT, Low Profile Type)

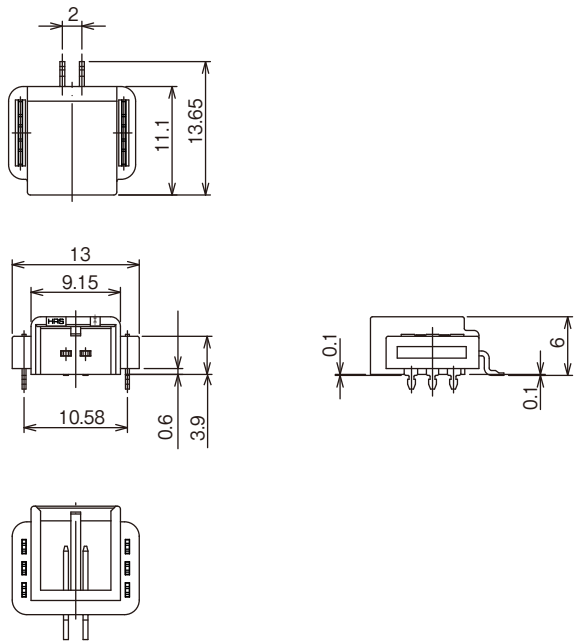
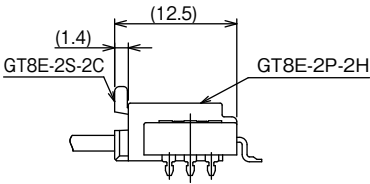
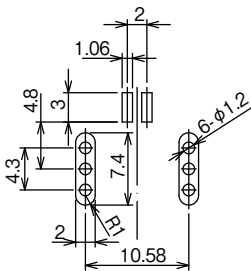


Diagram of Mating Condition During Use



Recommended PCB Dimensions



Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	Purchase Unit
GT8E-2P-2H(57)	CL0758-0032-1-57	Material : PPS Color : Black	Tin Plating	2	500pcs per reel

Note : This product mates with GT8E-2S-2C.

Right Angle Pin Header (1 Row SMT, Low Profile Hybrid Type)

● 8 pin / 2 pin Hybrid Type

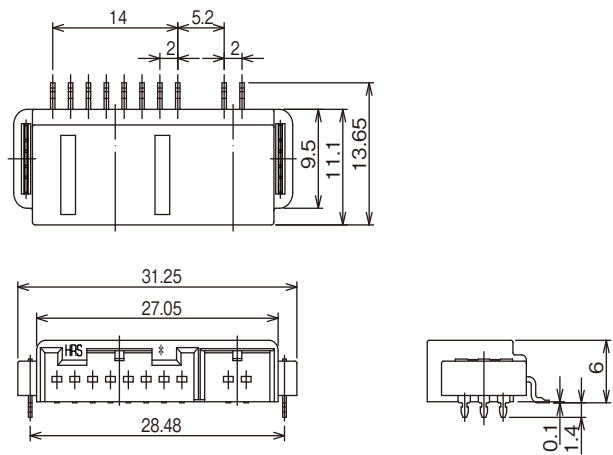
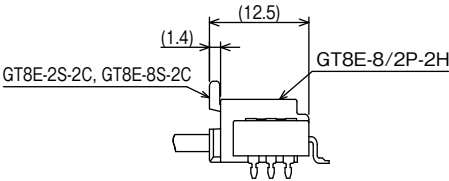
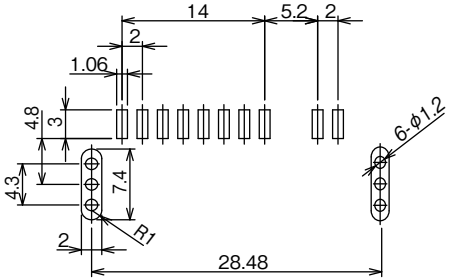


Diagram of Mating Condition During Use



Recommended PCB Dimensions



Part No.	HRS No.	Housing	Terminal (Finish)	Purchase Unit
GT8E-8/2P-2H(56)	CL0758-0031-9-56	Material : PPS Color : Black	Tin Plating	500pcs per reel

Note : This product mates with GT8E-2S-2C and GT8E-8S-2C.

● 8 pin / 5 pin Hybrid Type

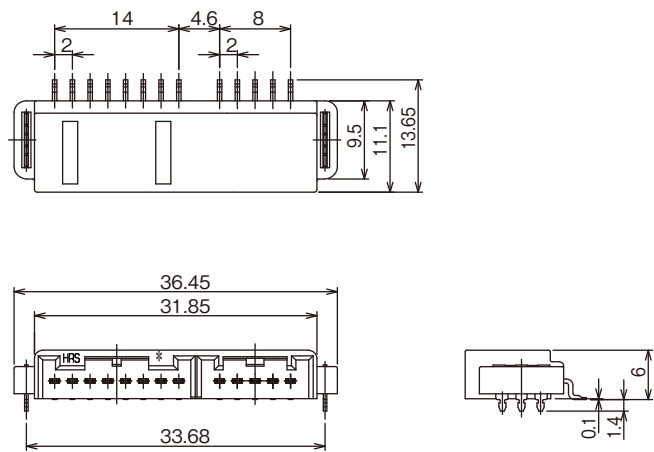
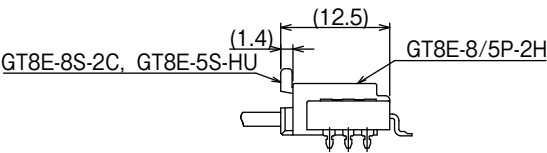
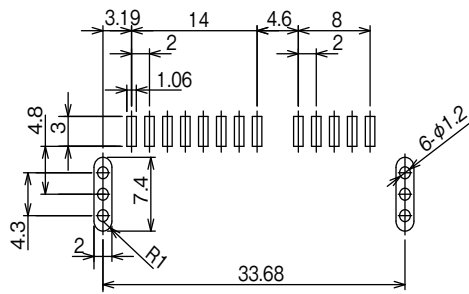


Diagram of Mating Condition During Use



Recommended PCB Dimensions



Part No.	HRS No.	Housing	Terminal (Finish)	Purchase Unit
GT8E-8/5P-2H(55)	CL0758-0073-9-55	Material : PPS Color : Black	Tin Plating	500pcs per reel

Note : This product mates with GT8E-5S-HU and GT8E-8S-2C.

Right Angle Pin Header (1 Row Through-Hole Type)

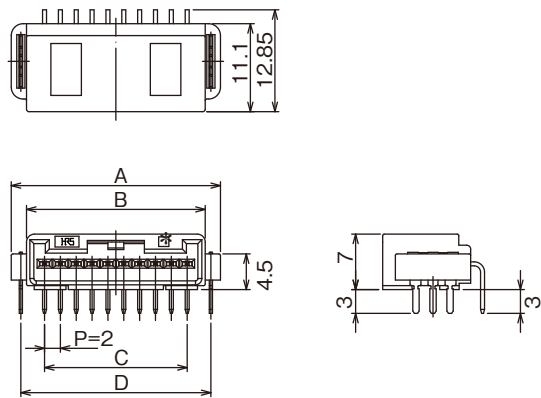
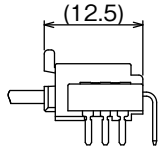
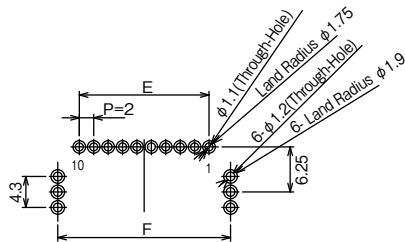


Diagram of Mating Condition During Use



Connector Side Recommended PCB Dimensions and Pin No.



Unit : mm

Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	A	B	C	D	E	F	Purchase Unit
GT8E-2P-DS(55)	CL0758-0040-0-55	Material : PPS Color : Black	Tin Plating	2	13.0	9.15	2.0	10.58	2.0	10.58	192pcs per tray
GT8E-3P-DS(55)	CL0758-0057-2-55			3	13.7	9.85	4.0	11.28	4.0	11.28	184pcs per tray
GT8E-4P-DS(55)	CL0758-0041-2-55			4	14.4	10.55	6.0	11.98	6.0	11.98	176pcs per tray
GT8E-5P-DS(55)	CL0758-0058-5-55			5	17.8	13.95	8.0	15.38	8.0	15.38	144pcs per tray
GT8E-6P-DS(55)	CL0758-0042-5-55			6	18.4	14.55	10.0	15.98	10.0	15.98	136pcs per tray
GT8E-7P-DS(55)	CL0758-0059-8-55			7	21.4	17.55	12.0	18.98	12.0	18.98	120pcs per tray
GT8E-8P-DS(55)	CL0758-0043-8-55			8	22.4	18.55	14.0	19.98	14.0	19.98	112pcs per tray
GT8E-10P-DS(55)	CL0758-0044-0-55			10	26.4	22.55	18.0	23.98	18.0	23.98	96pcs per tray

Note 1 : This product mates with GT8E-#S-HU.
Note 2 : Only GT8E-2P-DS mates with GT8E-2S-2C.

Right Angle Pin Header (2 Row Through-Hole Type)

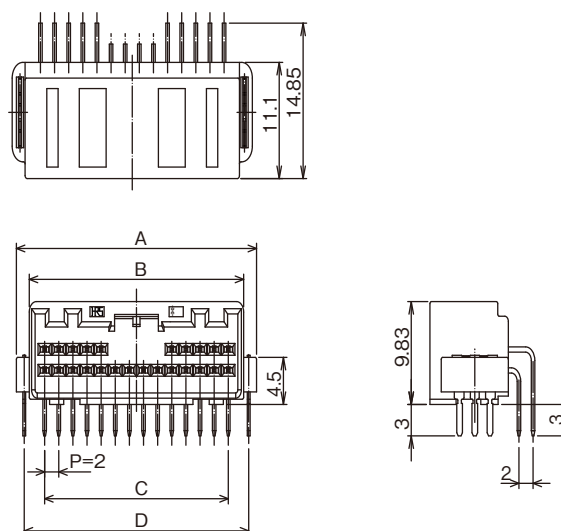
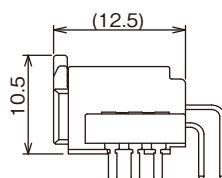
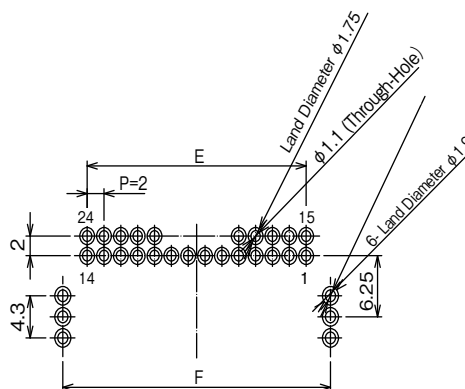


Diagram of Mating Condition During Use



Connector Side Recommended PCB Dimensions and Pin No.



Unit : mm

Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	A	B	C	D	E	F	Purchase Unit
GT8E-12DP-DS(55)	CL0758-0045-3-55	Material : PPS Color : Black	Tin Plating	12	22.4	18.55	14.0	19.98	14.0	19.98	104pcs per tray
GT8E-16DP-DS(55)	CL0758-0060-7-55			16	27.25	23.6	18.0	25.03	18.0	25.03	88pcs per tray
GT8E-20DP-DS(55)	CL0758-0046-6-55			20	30.0	26.35	22.0	27.78	22.0	27.78	80pcs per tray
GT8E-24DP-DS(55)	CL0758-0053-1-55			24	34.0	30.35	26.0	31.78	26.0	31.78	72pcs per tray

Note : This product mates with GT8E-#DS-HU.

Male Connector Straight Pin Header (Through-Hole Type)

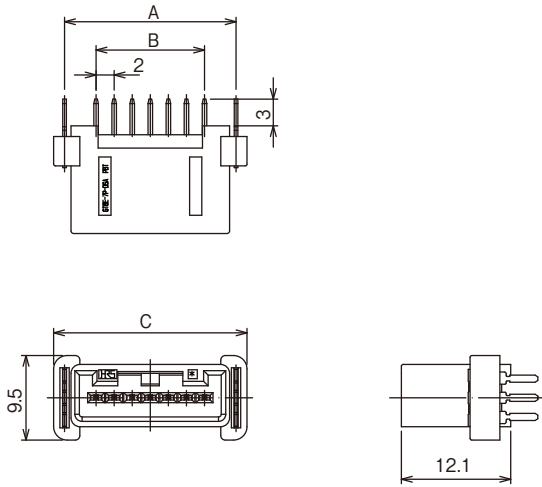
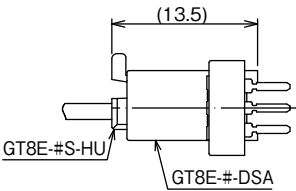
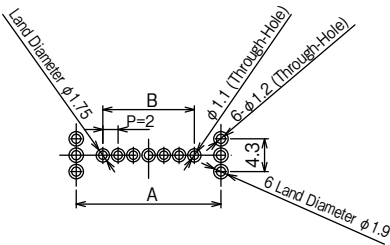


Diagram of Mating Condition During Use



Recommended PCB Dimensions



Unit : mm

Part No.	HRS No.	Housing	Terminal (Finish)	No. of Pos.	A	B	C	Purchase Unit
GT8E-2P-DSA(55)	CL0758-0204-5-55	Material : PA Color : Black	Tin Plating	2	10.58	2.0	13.0	160pcs per tray
GT8E-3P-DSA(55)	CL0758-0112-9-55			3	11.28	4.0	13.7	150pcs per tray
GT8E-4P-DSA(55)	CL0758-0065-0-55	Material : PBT Color : Black		4	12.0	6.0	14.4	150pcs per tray
GT8E-5P-DSA(55)	CL0758-0205-8-55	Material : PA Color : Black		5	16.4	8.0	18.8	110pcs per tray
GT8E-6P-DSA(55)	CL0758-0201-7-55			6	16.98	10.0	19.4	110pcs per tray
GT8E-7P-DSA(55)	CL0758-0066-3-55	Material : PBT Color : Black		7	18.98	12.0	21.4	100pcs per tray

Termination Tools

Instruction manuals are available for each termination tool. Please contact a Hirose sales representative.

Automatic Crimp Machine



Product No. : CM-105C

The picture is an example. There may be changes.

Specifications

Item	Specification	Reference
Press Capacity	1.5ton	
Stroke Length	30mm	
Number of Strokes	200spm(50Hz)	240spm(60Hz)
Weight	75kg	
Motor	0.2kw	100V AC
Crimping Speed	2,000 to 4,000pcs./h	

Terminal Part No.	Terminal HRS No.	Applicator Part No.	Applicator HRS No.
		CM-105C	CL0901-0001-0-00
GT8B-2428SCF	CL0758-0055-7-00	AP105-GT8B-2428S	CL0901-5172-3-00
GT8B-2428SCF(01)	CL0758-0055-7-01		
GT8E-2428PCF	CL0758-0067-6-00	AP105-GT8E-2428P	CL0901-5192-0-00
GT8EF-2428PCF	CL0758-0106-6-00	AP105-GT8EF-2428P	CL0901-5194-6-00
GT8E-2022SCF	CL0758-0033-4-00	AP105-GT8-2022S	CL0901-5144-8-00
GT8E-2022SCF(01)	CL0758-0033-4-01		
GT8E-2022PCF	CL0758-0039-0-00	AP105-GT8E-2022P	CL0901-5161-7-00
GT8EF-2022PCF	CL0758-0111-6-00		

The crimp height of the terminal must be set for each cable type. Please contact your sales representative.
Please note that a new cable requires a new crimp height setting and evaluation requires a few days.

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
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Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
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