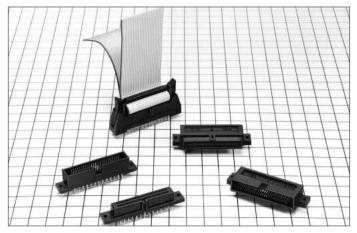
1.27mm Pitch Two-Piece Connectors

HIF6 Series



■Features

1. Product Variation

The connection method is available with the board to board type and insulation displacement type.

2. Broad applications

HIF2E, HIF3B and HIF5 can be combined one other, because the 1.27mm pitch flat cable is used. (Fig.1)

3. Applicable Cables

The applicable cable is a (UL2651) 28 AWG flat cable (7cores: 0.127mm, outer jacket diameter: 0.8 to1.0mm)

4. Mis-insertion Preventive Structure

The mis-insertion preventive guide prevents misinsertion.

Connector in combination with the HIF6 series connection type HIF3B Series HIF2 Series (MIL-C-83503) (Board direct mount type) ●FD Series HIF5 Series (Card edge type) (D sub-ribbon connector)

Fig.1 (For further information, refer to catalog page B86.)

■Product Specifications

Rating	Current rating : 0.5A	Operating Temperature Range : -55 to +85 °C (Note 1)	Storage Temperature Range : -10 to +60℃ (Note 2)
Raung	Voltage rating : 125V AC	Operating Humidity Range : 40 to 80%	Operating Humidity Range : 40 to 70% (Note 2)

Item	Specification	Condition			
1.Insulation Resistance	1000MΩ min.	250V DC			
2.Withstanding Voltage	No flashover or insulation breakdown.	300V AC/1 minute.			
3.Contact Resistance	30mΩ max.	0.1A			
4.Vibration	No electrical discontinuity of $1\mu s$ or more	Frequency: 10 to 55 Hz, single amplitude of 0.75 mm, 2 hours in each of the 3 directions			
5.Humidity (Steady state)	Insulation resistance : 1000MΩ min.	96 hours at temperature of 40°C and humidity of 90% to 95%			
6.Temperature Cycle	No damage, cracks, or parts looseness.	(-65°C : 30 minutes→15 to 35°C : 5 minutes max.→ 125°C : 30 minutes→15 to 35°C : 5 minutes max.) 5 cycles			
7.Durability (Mating/un-mating)	Contact resistance : 30mΩ max.	500 cycles			
8.Resistance to Soldering heat	No defermation of companyon of official newformance	Solder bath : 260℃ for 10 seconds			
o.hesistance to soluting heat	No deformation of components affecting performance.	Manual soldering : 360°C for 5 seconds			

Note 1: Includes temperature rise caused by current flow.

Note 2: The term "storage" refers to products stored for long period of time prior to mounting and use. Operating Temperature Range and Humidity range covers non conducting condition of installed connectors in storage, shipment or during transportation.

Note 3: Please note that there is a risk of deforming the lock when an excessive load is applied to the inside.

■Materials / Finish

Parts	Material	Finish	Remarks		
Insulator	PBT	Black	UL94V-0		
Socket Contact	Copper alloy	Colootive gold plating			
Pin header Contact	Brass	Selective gold plating			

■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.

Socket and Receptacle

$$\frac{\mathsf{HIF6}}{\bullet} \quad \frac{\mathsf{A}}{\circ} - \frac{*}{\circ} \quad \frac{\mathsf{D}}{\circ} \quad \frac{\mathsf{A}}{\circ} - \frac{1.27}{\circ} \quad \frac{\mathsf{DSA}}{\circ} \quad \frac{\mathsf{L}}{\circ}$$

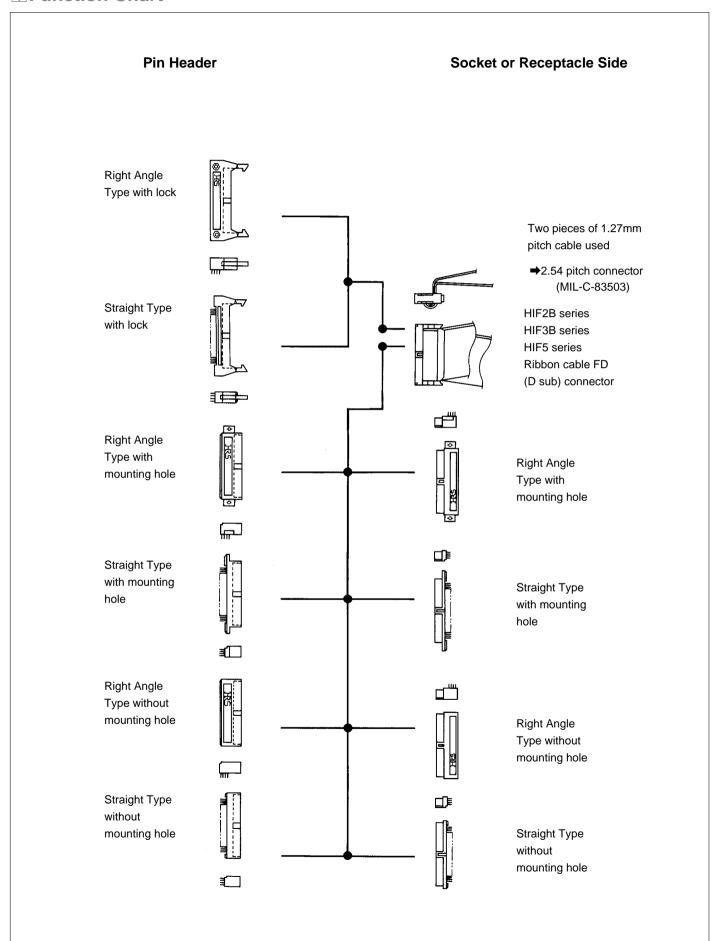
Series Name: HIF6
Blank: Ribbon cable insulation displacement type
A: Without board mounting hole
B: With board mounting hole
Number of contacts: 20, 26, 32, 34, 40, 50, 52, 60, 68, 80, 100
D: Socket or receptacle
A: Selective gold plated
Contact pitch: 1.27mm
Contact type: DS: Right angle type
DSA: Straight type
R: Ribbon cable ID type
L: Board pre-fixed lock pin

●Pin Header

$$\frac{\mathsf{HIF6}}{\bullet} \quad \frac{\mathsf{A}}{\bullet} - \frac{*}{\bullet} \frac{\mathsf{P}}{\bullet} \frac{\mathsf{A}}{\bullet} - \frac{1.27}{\bullet} \frac{\mathsf{DSA}}{\bullet} \frac{\mathsf{L}}{\bullet}$$

Series Name	: HIF6						
2 Blank	: With lock						
A	: Without board mounting hole						
В	: With board mounting hole						
3 Number of con	3 Number of contacts : 20, 26, 32, 34, 40, 50, 52, 60, 68, 80, 100						
4 P : F	Pin header						
6 A : S	Selective gold plated						
Contact pitch	: 1.27mm						
Contact style	: DS : Right angle type						
	DSA : Straight type						
8 L : Board pre-	L : Board pre-fixed lock pin						

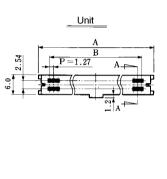
◆ Function Chart

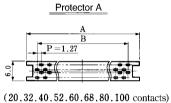


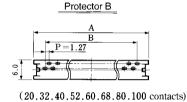
■Cable ID Connector

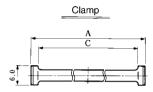


Combination View Note: The full height of 100 contacts is 17.1mm, while the clamp type differs Selectively. 1.09

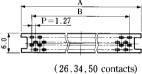


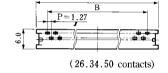


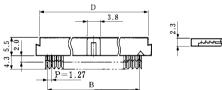




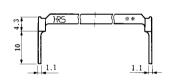
Unit: mm











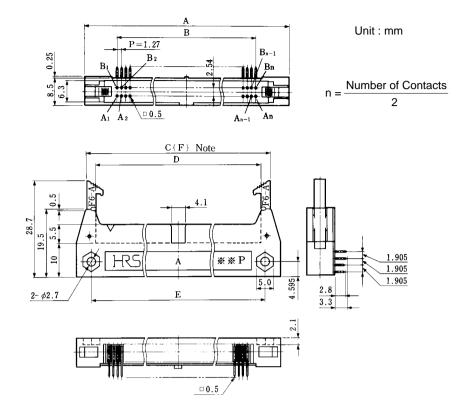
Unit: mm

1.1

Part No.	HRS No.	No. of Contacts	Α	В	С	D	RoHS
HIF6- 20D-1.27R(20)	630-0001-4 20	20	18.55	11.43	13.95	16.35	
HIF6- 26D-1.27R(20)	630-0002-7 20	26	22.36	15.24	17.76	20.16	
HIF6- 32D-1.27R(20)	630-0003-0 20	32	26.17	19.05	21.57	23.97	
HIF6- 34D-1.27R(20)	630-0004-2 20	34	27.44	20.32	22.84	25.24	
HIF6- 40D-1.27R(20)	630-0005-5 20	40	31.25	24.13	26.65	29.05	
HIF6- 50D-1.27R(20)	630-0006-8 20	50	37.60	30.48	33.00	35.40	YES
HIF6- 52D-1.27R(20)	630-0007-0 20	52	38.87	31.75	34.27	36.67	
HIF6- 60D-1.27R(20)	630-0008-3 20	60	43.95	36.83	39.35	41.75	
HIF6- 68D-1.27R(20)	630-0009-6 20	68	49.03	41.91	44.43	46.83	
HIF6- 80D-1.27R(20)	630-0010-5 20	80	56.65	49.53	52.05	54.45	
HIF6-100D-1.27R(20)	630-0011-8 20	100	69.35	62.23	64.75	67.15	

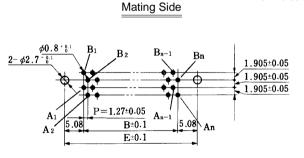
■Pin Header Right Angle Type with lock





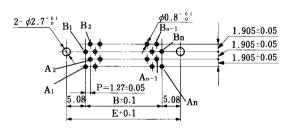
Note: Size F indicates the state where the lock is open.

▶ PCB mounting pattern



(20, 32, 40, 52, 60, 68, 80, 100 contacts)

Indicate mark position.Mating Side



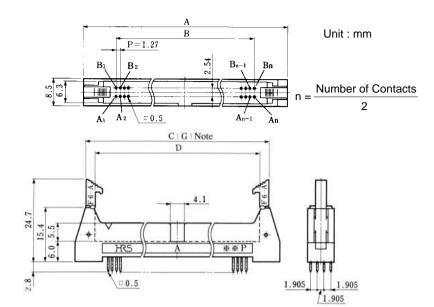
(26, 34, 50 contacts)

Unit: mm

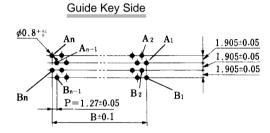
Unit : n								Unit : mm	
Part No.	HRS No.	No. of Contacts	Α	В	С	D	Е	F	RoHS
HIF6- 20PA-1.27DS(71)	630-0051-2 71	20	30.95	11.43	24.55	18.75	21.59	43.55	
HIF6- 26PA-1.27DS(71)	630-0052-5 71	26	34.76	15.24	28.36	22.56	25.40	47.36	
HIF6- 32PA-1.27DS(71)	630-0053-8 71	32	38.57	19.05	32.17	26.37	29.21	51.17	
HIF6- 34PA-1.27DS(71)	630-0054-0 71	34	39.84	20.32	33.44	27.64	30.48	52.44	
HIF6- 40PA-1.27DS(71)	630-0055-3 71	40	43.65	24.13	37.25	31.45	34.29	56.25	
HIF6- 50PA-1.27DS(71)	630-0056-6 71	50	50.00	30.48	43.60	37.80	40.64	62.60	YES
HIF6- 52PA-1.27DS(71)	630-0057-9 71	52	51.27	31.75	44.87	39.07	41.91	63.87	
HIF6- 60PA-1.27DS(71)	630-0058-1 71	60	56.35	36.83	49.95	44.15	46.99	68.95	
HIF6- 68PA-1.27DS(71)	630-0059-4 71	68	61.43	41.91	55.03	49.23	52.07	74.03	
HIF6- 80PA-1.27DS(71)	630-0060-3 71	80	69.05	49.53	62.65	56.85	59.69	81.65	
HIF6-100PA-1.27DS(71)	630-0061-6 71	100	81.75	62.23	75.35	69.55	72.39	94.35	

■Pin Header Straight Type with lock

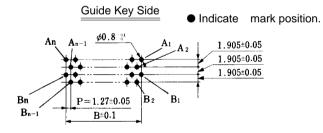




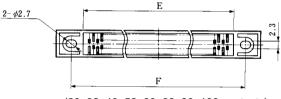
▶PCB mounting pattern



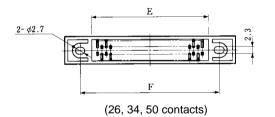
(20, 32, 40, 52, 60, 68, 80, 100 contacts)



(26, 34, 50 contacts)



(20, 32, 40, 52, 60, 68, 80, 100 contacts)

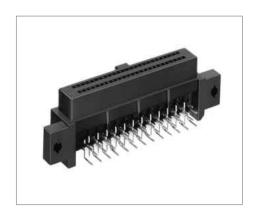


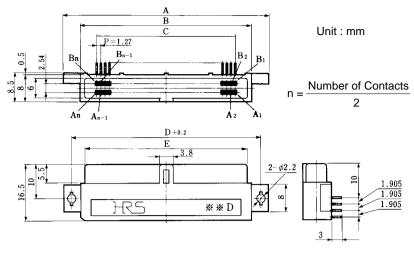
Note: Size G indicates a state where the lock is open.

Unit: mm

Part No.	HRS No.	No. of Contacts	Α	В	С	D	E	F	G	RoHS
HIF6- 20PA-1.27DSA(71)	630-0101-9 71	20	30.95	11.43	24.55	18.75	14.95	21.59	43.55	
HIF6- 26PA-1.27DSA(71)	630-0102-1 71	26	34.76	15.24	28.36	22.56	18.76	25.40	47.36	
HIF6- 32PA-1.27DSA(71)	630-0103-4 71	32	38.57	19.05	32.17	26.37	22.57	29.21	51.17	
HIF6- 34PA-1.27DSA(71)	630-0104-7 71	34	39.84	20.32	33.44	27.64	23.84	30.48	52.44	
HIF6- 40PA-1.27DSA(71)	630-0105-0 71	40	43.65	24.13	37.25	31.45	27.65	34.29	56.25	
HIF6- 50PA-1.27DSA(71)	630-0106-2 71	50	50.00	30.48	43.60	37.80	34.00	40.64	62.60	YES
HIF6- 52PA-1.27DSA(71)	630-0107-5 71	52	51.27	31.75	44.87	39.07	35.27	41.91	63.87	
HIF6- 60PA-1.27DSA(71)	630-0108-8 71	60	56.35	36.83	49.95	44.15	40.35	46.99	68.95	
HIF6- 68PA-1.27DSA(71)	630-0109-0 71	68	61.43	41.91	55.03	49.23	45.43	52.07	74.03	
HIF6- 80PA-1.27DSA(71)	630-0110-0 71	80	69.05	49.53	62.65	56.85	53.05	59.69	81.65	
HIF6-100PA-1.27DSA(71)	630-0111-2 71	100	81.75	62.23	75.35	69.55	65.75	72.39	94.35	

■Receptacle Right Angle Type with Mounting hole

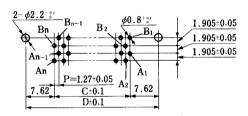






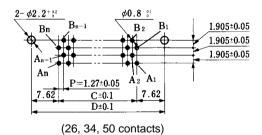
● PCB mounting pattern

Mating Side

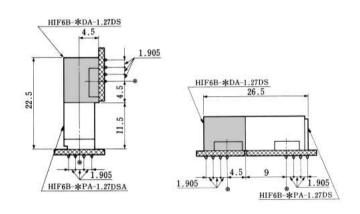


(20, 32, 40, 52, 60, 68, 80 contacts)

Mating Side



● Application Pattern



Mounting hole center line

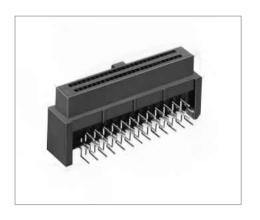


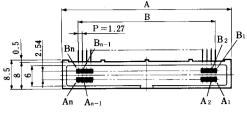
*Lock pin type is also available.

Part No.	HRS No.	No. of Contacts	Α	В	С	D	Е	RoHS
HIF6B-20DA-1.27DS(71)	631-0051-9 71	20	30.95	20.95	11.43	26.67	18.55	
HIF6B-26DA-1.27DS(71)	631-0052-1 71	26	34.76	24.76	15.24	30.48	22.36	
HIF6B-32DA-1.27DS(71)	631-0053-4 71	32	38.57	28.57	19.05	34.29	26.17	
HIF6B-34DA-1.27DS(71)	631-0054-7 71	34	39.84	29.84	20.32	35.56	27.44	
HIF6B-40DA-1.27DS(71)	631-0055-0 71	40	43.65	33.65	24.13	39.37	31.25	YES
HIF6B-50DA-1.27DS(71)	631-0056-2 71	50	50.00	40.00	30.48	45.72	37.60	TES
HIF6B-52DA-1.27DS(71)	631-0057-5 71	52	51.27	41.27	31.75	46.99	38.87	
HIF6B-60DA-1.27DS(71)	631-0058-8 71	60	56.35	46.35	36.83	52.07	43.95	
HIF6B-68DA-1.27DS(71)	631-0059-0 71	68	61.43	51.43	41.91	57.15	49.03	
HIF6B-80DA-1.27DS(71)	631-0060-0 71	80	69.05	59.05	49.53	64.77	56.65	

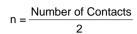
Unit: mm

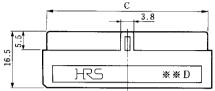
■Receptacle Right Angle Type Without Mounting hole

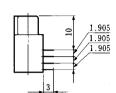


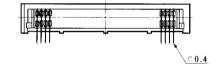






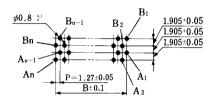






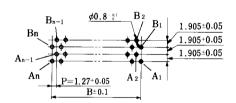
●PCB mounting pattern

Mating Side

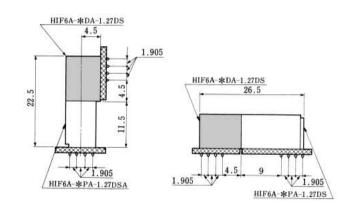


(20, 32, 40, 52, 60, 68, 80 contacts)

Mating Side



(26, 34, 50 contacts)

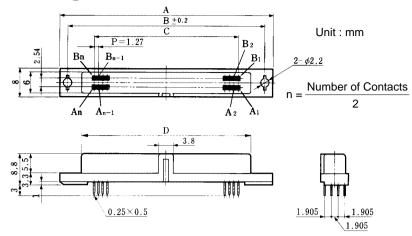


Unit: mm

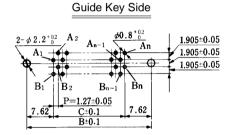
Part No.	HRS No.	No. of Contacts	Α	В	С	RoHS
HIF6A-20DA-1.27DS(71)	631-0001-0 71	20	20.95	11.43	18.55	
HIF6A-26DA-1.27DS(71)	631-0002-3 71	26	24.76	15.24	22.36	
HIF6A-32DA-1.27DS(71)	631-0003-6 71	32	28.57	19.05	26.17	
HIF6A-34DA-1.27DS(71)	631-0004-9 71	34	29.84	20.32	27.44	
HIF6A-40DA-1.27DS(71)	631-0005-1 71	40	33.65	24.13	31.25	YES
HIF6A-50DA-1.27DS(71)	631-0006-4 71	50	40.00	30.48	37.60	TES
HIF6A-52DA-1.27DS(71)	631-0007-7 71	52	41.27	31.75	38.87	
HIF6A-60DA-1.27DS(71)	631-0008-0 71	60	46.35	36.83	43.95	
HIF6A-68DA-1.27DS(71)	631-0009-2 71	68	51.43	41.91	49.03	
HIF6A-80DA-1.27DS(71)	631-0010-1 71	80	59.05	49.53	56.65	

■Receptacle Straight Type with Mounting hole



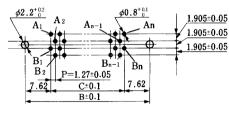


● PCB mounting pattern



(20, 32, 40, 52, 60, 68, 80, 100 contacts)

Guide Key Side



(26, 34, 50 contacts)

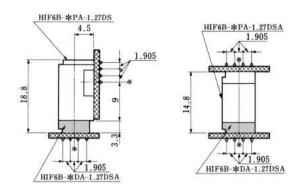


(20, 32, 40, 52, 60, 68, 80, 100 contacts)



(26, 34, 50 contacts)

◆Application Pattern



Mounting hole center line

Unit: mm

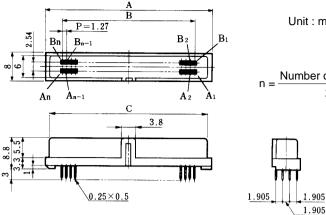


*Lock pin type is also available.

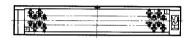
Part No.	HRS No.	No. of Contacts	А	В	С	D	RoHS
HIF6B- 20DA-1.27DSA(71)	631-0151-3 71	20	30.95	26.67	11.43	18.55	
HIF6B- 26DA-1.27DSA(71)	631-0152-6 71	26	34.76	30.48	15.24	22.36	
HIF6B- 32DA-1.27DSA(71)	631-0153-9 71	32	38.57	34.29	19.05	26.17	
HIF6B- 34DA-1.27DSA(71)	631-0154-1 71	34	39.84	35.56	20.32	27.44	
HIF6B- 40DA-1.27DSA(71)	631-0155-4 71	40	43.65	39.37	24.13	31.25	
HIF6B- 50DA-1.27DSA(71)	631-0156-7 71	50	50.00	45.72	30.48	37.60	YES
HIF6B- 52DA-1.27DSA(71)	631-0157-0 71	52	51.27	46.99	31.75	38.87	
HIF6B- 60DA-1.27DSA(71)	631-0158-2 71	60	56.35	52.07	36.83	43.95	
HIF6B- 68DA-1.27DSA(71)	631-0159-5 71	68	61.43	57.15	41.91	49.03	
HIF6B- 80DA-1.27DSA(71)	631-0160-4 71	80	69.05	64.77	49.53	56.65	
HIF6B-100DA-1.27DSA(71)	631-0161-7 71	100	81.75	77.47	62.23	69.35	

■Receptacle Straight Type without Mounting hole





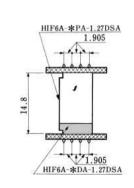
Unit: mm **Number of Contacts**

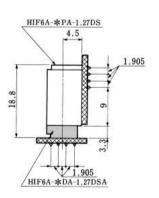


(20, 32, 40, 52, 60, 68, 80, 100 contacts)

(26, 34, 50 contacts)

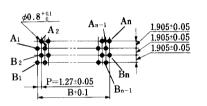
Application Pattern





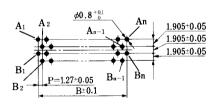
▶PCB mounting pattern





(20, 32, 40, 52, 60, 68, 80, 100 contacts)

Guide Key Side

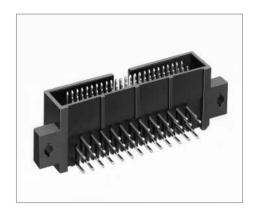


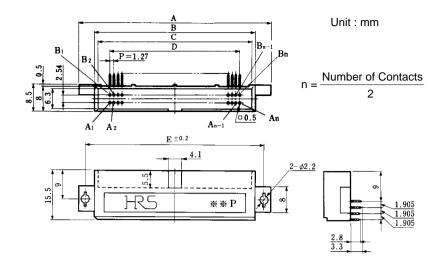
(26, 34, 50 contacts)

Unit: mm

Part No.	HRS No.	No. of Contacts	Α	В	С	RoHS
HIF6A- 20DA-1.27DSA(71)	631-0101-5 71	20	20.95	11.43	18.55	
HIF6A- 26DA-1.27DSA(71)	631-0102-8 71	26	24.76	15.24	22.36	
HIF6A- 32DA-1.27DSA(71)	631-0103-0 71	32	28.57	19.05	26.17	
HIF6A- 34DA-1.27DSA(71)	631-0104-3 71	34	29.84	20.32	27.44	
HIF6A- 40DA-1.27DSA(71)	631-0105-6 71	40	33.65	24.13	31.25	
HIF6A- 50DA-1.27DSA(71)	631-0106-9 71	50	40.00	30.48	37.60	YES
HIF6A- 52DA-1.27DSA(71)	631-0107-1 71	52	41.27	31.75	38.87	
HIF6A- 60DA-1.27DSA(71)	631-0108-4 71	60	46.35	36.83	43.95	
HIF6A- 68DA-1.27DSA(71)	631-0109-7 71	68	51.43	41.91	49.03	
HIF6A- 80DA-1.27DSA(71)	631-0110-6 71	80	59.05	49.53	56.65	
HIF6A-100DA-1.27DSA(71)	631-0111-9 71	100	71.75	62.23	69.35	

■Pin Header Right Angle Type with Mounting hole

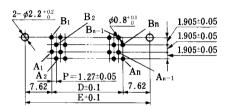




.□0.5

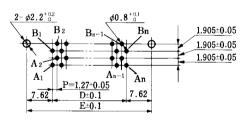
▶ PCB mounting pattern

Mating Side

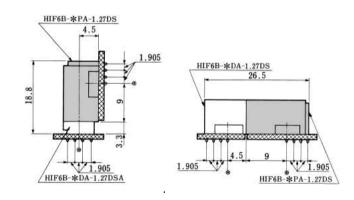


(20, 32, 40, 52, 60, 68, 80, 100 contacts)

Mating Side



(26, 34, 50 contacts)



Mounting hole center line

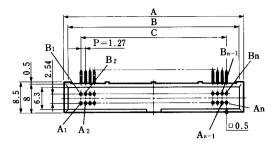


**Lock pin type is also available.

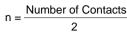
-,							U	nit : mm
Part No.	HRS No.	No. of Contacts	Α	В	С	D	Е	RoHS
HIF6B- 20PA-1.27DS(71)	631-0251-8 71	20	30.95	20.95	18.75	11.43	26.67	
HIF6B- 26PA-1.27DS(71)	631-0252-0 71	26	34.76	24.76	22.56	15.24	30.48	
HIF6B- 32PA-1.27DS(71)	631-0253-3 71	32	38.57	28.57	26.37	19.05	34.29	
HIF6B- 34PA-1.27DS(71)	631-0254-6 71	34	39.84	29.84	27.64	20.32	35.56	1
HIF6B- 40PA-1.27DS(71)	631-0255-9 71	40	43.65	33.65	31.45	24.13	39.37	1
HIF6B- 50PA-1.27DS(71)	631-0256-1 71	50	50.00	40.00	37.80	30.48	45.72	YES
HIF6B- 52PA-1.27DS(71)	631-0257-4 71	52	51.27	41.27	39.07	31.75	46.99	
HIF6B- 60PA-1.27DS(71)	631-0258-7 71	60	56.35	46.35	44.15	36.83	52.07	
HIF6B- 68PA-1.27DS(71)	631-0259-0 71	68	61.43	51.43	49.23	41.91	57.15	1
HIF6B- 80PA-1.27DS(71)	631-0260-9 71	80	69.05	59.05	56.85	49.53	64.77	
HIF6B-100PA-1.27DS(71)	631-0261-1 71	100	81.75	71.75	69.55	62.23	77.47]

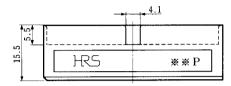
■Pin Header Right Angle Type Without Mounting hole

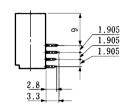






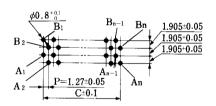






●PCB mounting pattern

Mating Side

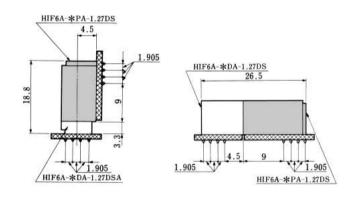


(20, 32, 40, 52, 60, 68, 80, 100 contacts)

Mating Side $B_{n-1} \ B_{\boldsymbol{n}}$ 1.905±0.05 1.905+0.05 1.905±0.05 =1.27+0.05 A_{n-1} C±0.1

(26, 34, 50 contacts)

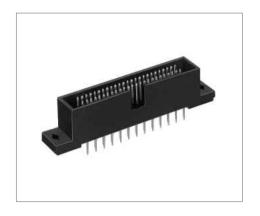
0.5

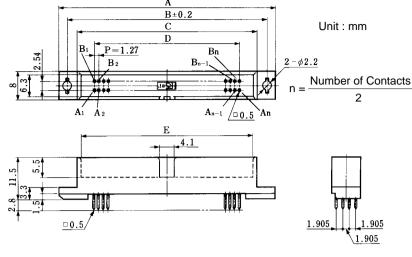


Unit: mm

Part No.	HRS No.	No. of Contacts	Α	В	С	RoHS
HIF6A- 20PA-1.27DS(71)	631-0201-0 71	20	20.95	18.75	11.43	
HIF6A- 26PA-1.27DS(71)	631-0202-2 71	26	24.76	22.56	15.24	
HIF6A- 32PA-1.27DS(71)	631-0203-5 71	32	28.57	26.37	19.05	
HIF6A- 34PA-1.27DS(71)	631-0204-8 71	34	29.84	27.64	20.32	
HIF6A- 40PA-1.27DS(71)	631-0205-0 71	40	33.65	31.45	24.13	
HIF6A- 50PA-1.27DS(71)	631-0206-3 71	50	40.00	37.80	30.48	YES
HIF6A- 52PA-1.27DS(71)	631-0207-6 71	52	41.27	39.07	31.75	
HIF6A- 60PA-1.27DS(71)	631-0208-9 71	60	46.35	44.15	36.83	
HIF6A- 68PA-1.27DS(71)	631-0209-1 71	68	51.43	49.23	41.91	
HIF6A- 80PA-1.27DS(71)	631-0210-0 71	80	59.05	56.85	49.53	
HIF6A-100PA-1.27DS(71)	631-0211-3 71	100	71.75	69.55	62.23	

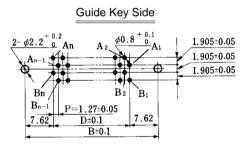
■Pin Header Straight Type with Mounting hole



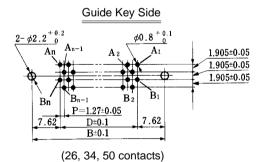


(20, 32, 40, 52, 60, 68, 80, 100 contacts)

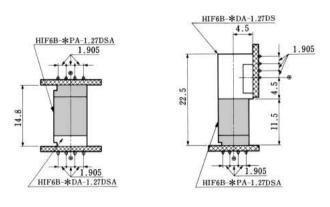
▶PCB mounting pattern



(20, 32, 40, 52, 60, 68, 80, 100 contacts)



(26, 34, 50 contacts)



Mounting hole center line

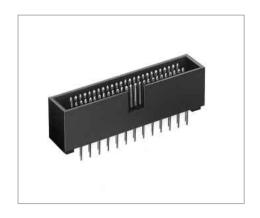
Unit: mm



*Lock pin type is also available.

Part No.	HRS No.	No. of Contacts	А	В	С	D	E	RoHS
HIF6B- 20PA-1.27DSA(71)	631-0351-2 71	20	30.95	26.67	20.95	11.43	18.75	
HIF6B- 26PA-1.27DSA(71)	631-0352-5 71	26	34.76	30.48	24.76	15.24	22.56	
HIF6B- 32PA-1.27DSA(71)	631-0353-8 71	32	38.57	34.29	28.57	19.05	26.37	
HIF6B- 34PA-1.27DSA(71)	631-0354-0 71	34	39.84	35.56	29.84	20.32	27.64	
HIF6B- 40PA-1.27DSA(71)	631-0355-3 71	40	43.65	39.37	33.65	24.13	31.45	
HIF6B- 50PA-1.27DSA(71)	631-0356-6 71	50	50.00	45.72	40.00	30.48	37.80	YES
HIF6B- 52PA-1.27DSA(71)	631-0357-9 71	52	51.27	46.99	41.27	31.75	39.07	
HIF6B- 60PA-1.27DSA(71)	631-0358-1 71	60	56.35	52.07	46.35	36.83	44.15	
HIF6B- 68PA-1.27DSA(71)	631-0359-4 71	68	61.43	57.15	51.43	41.91	49.23	
HIF6B- 80PA-1.27DSA(71)	631-0360-3 71	80	69.05	64.77	59.05	49.53	56.85	
HIF6B-100PA-1.27DSA(71)	631-0361-6 71	100	81.75	77.47	71.75	62.23	69.55]

■Pin Header Straight Type Without Mounting hole



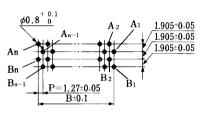
В Unit: mm P=1.27 Bn B2 B_{n-1} **Number of Contacts** $A_{n-1} / \boxed{0.5}$ C 4.1 □0.5 1.905

1.905

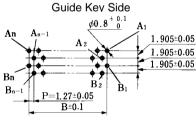
(20, 32, 40, 52, 60, 68, 80, 100 contacts)

▶PCB mounting pattern

Guide Key Side

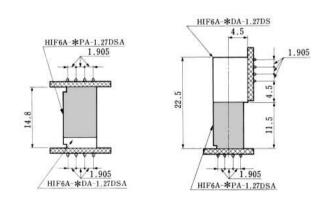


(20, 32, 40, 52, 60, 68, 80, 100 contacts)



(26, 34, 50 contacts)

(26, 34, 50 contacts)

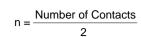


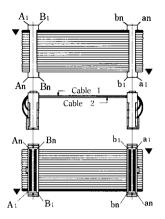
Unit: mm

Part No.	HRS No.	No. of Contacts	А	В	С	RoHS
HIF6A- 20PA-1.27DSA(71)	631-0301-4 71	20	20.95	11.43	18.75	
HIF6A- 26PA-1.27DSA(71)	631-0302-7 71	26	24.76	15.24	22.56	
HIF6A- 32PA-1.27DSA(71)	631-0303-0 71	32	28.57	19.05	26.37	
HIF6A- 34PA-1.27DSA(71)	631-0304-2 71	34	29.84	20.32	27.64	
HIF6A- 40PA-1.27DSA(71)	631-0305-5 71	40	33.65	24.13	31.45	
HIF6A- 50PA-1.27DSA(71)	631-0306-8 71	50	40.00	30.48	37.80	YES
HIF6A- 52PA-1.27DSA(71)	631-0307-0 71	52	41.27	31.75	39.07	
HIF6A- 60PA-1.27DSA(71)	631-0308-3 71	60	46.35	36.83	44.15	
HIF6A- 68PA-1.27DSA(71)	631-0309-6 71	68	51.43	41.91	49.23	
HIF6A- 80PA-1.27DSA(71)	631-0310-5 71	80	59.05	49.53	56.85	
HIF6A-100PA-1.27DSA(71)	631-0311-8 71	100	71.75	62.23	69.55	

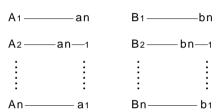
Connection Circuit (20, 32, 40, 52, 60, 68, 80, 100 contacts)

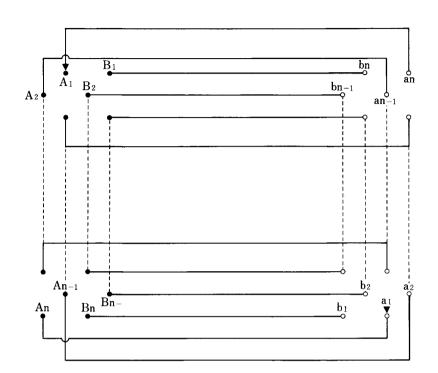
Type A, B



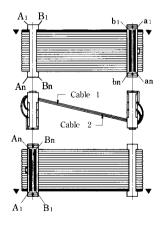


Connection of Cable 1 Connection of Cable 2

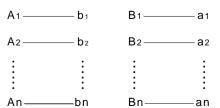


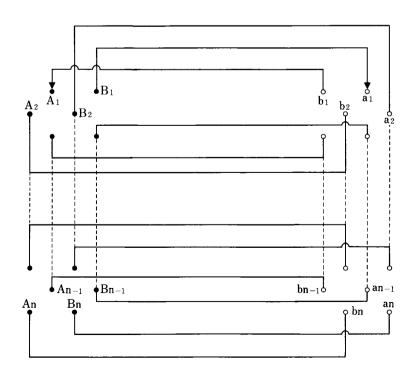


Type A, A



Connection of Cable 1 Connection of Cable 2

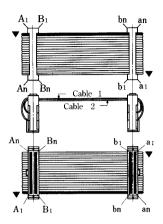




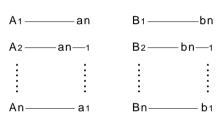
◆ Connection Circuit (26, 40, 50 contacts)

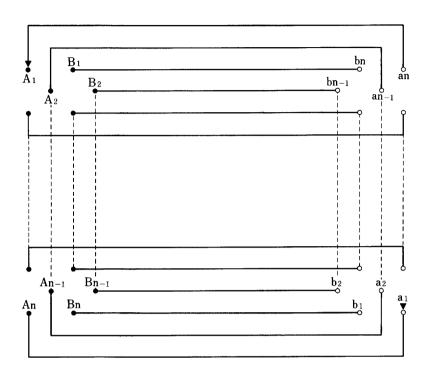
Type A, B

 $n = \frac{\text{Number of Contacts}}{2}$

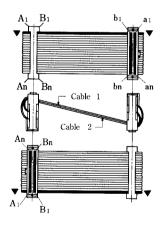


Connection of Cable 1 Connection of Cable 2



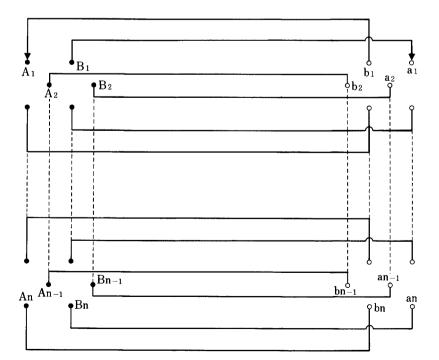


Type A, A



Connection of Cable 1 Connection of Cable 2

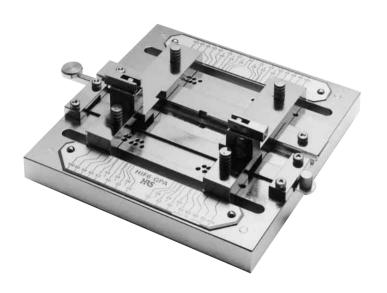
Bn---an



An----bn

◆Connection Jig

Guide Plate



HIF 6 - GPA 550 - 0165 - 8

Hi-Flex Connection Press



Hi-Flex Connection Press HHP502 550 - 0082 - 2

*Pressing Block

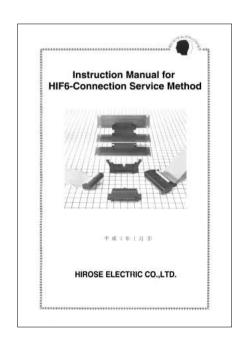
Part No.	HRS No.		
Pressing Block A-01	550-0133-1		

Cable Cutter



HIF6 Cable Cutter-FC601 550 - 0166 - 0

Instruction Manual for HIF6 Connection Service Method



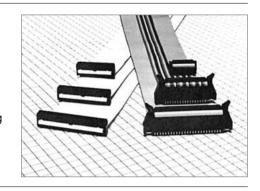
14 Pages

■HIF6 Series: Connection Type Coupled Connector

HIF3B Series (MIL-C-83503)

- Compliant with the MIL standard
- The VA idea is reflected on both pin header and socket.
- Products with pull-out tab are available.
- Countermeasures are taken against noises in combination with the applicable cover case.
- The type aligned in single-row, low profile type, is available for pin header locking system, in addition to standard products

Number of contacts: 6, 10, 14, 16, 20, 26, 30, 34, 40, 50, 60, 64



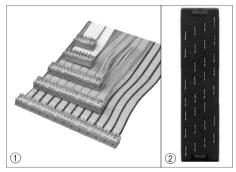
HIF2 Series (Board direct mount type)

1)2-row parallel type (HIF2E)

Number of contacts: 10, 14, 16, 20, 26, 30, 34, 40, 50, 60 2.54mm grid alignment facilitates to the design pattern.

24-row staggered type (HIF2C)

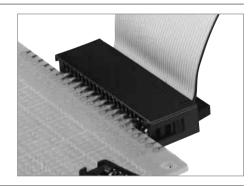
Number of contacts: 10, 14, 16, 20, 26, 30, 34, 40, 50, 60 Mounting height is 4.9mm low profile type.



HIF5 Series (Card edge ribbon type)

- Three types of full hole, semi-hole and no mount area are provided for the unit mount area.
- Connectors are connected in the bus line system.
- Cables can be returned within the connector mold width.

Number of contacts: 20, 26, 34, 40, 50, 60



FD Series (D sub-ribbon connector)

- •The standard pitch 1.27mm ribbon cable can be insulated and displaced by replacing a jig, in addition to the same pitch 1.38mm as for the D sub connector.
- The space saving type allows to reduce the thickness on the connection side according to set miniaturization.
- Connectors can be installed from both front and rear sides of the chassis or panel.

Number of contacts: 9, 15, 25, 37

