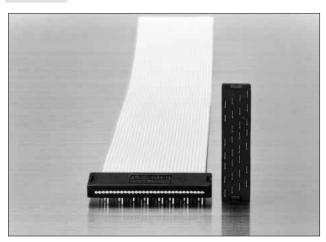
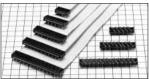
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

Staggered Connector Directly Mounted on Board

HIF2C Series



Features



1. Directly Mounted on Board This connector can be directly mounted on the board using 1.27mm pitch flat cable.

- 2. Variation in Number of ContactsThe number of contacts contains 10, 16, 20, 26, 30, 34, 40, 50, and 60 contacts.
- 3. Low Profile Type

The connector height is lower than that of the HIF2E series.

4. Applicable Cable

The applicable cable is UL2651 AWG#28 flat cable (7 cores./0.127mm, jacket dia. :0.8 to 1.0mm).

Applications

Computers, terminal equipment, PPC, various kinds of electronic equipment, business machines, etc.

Product Specifications

Rating	Current rating: 1A Voltage rating: 200V AC	Operating Temperature Range:-55 to +85°C (Note 1) Operating Moisture Range:40 to 80%		Storage Temperature Range:-10 to +60°C(Note 2) Storage Humidity Range:40 to 70% (Note 2)	
Item	Specification		Condition		
1. Insulation Resistance	1000M ohms min.		500V DC		
2. Withstanding voltage	No flashover or insulation breakdown.		650V AC/1 minute		
3. Contact Resistance	15m ohms max.		0.1A		
4. Vibration	No electrical discontinuity of 1μ 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: 1000M ohms 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. Resistance to	No deformation of components affecting performance.		Solder Bath: 260°C for 10 seconds		
Soldering heat			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. Information contained in this catalog represents general requirements for this Series. Contact us for the drawings and specifications for a specific part number shown.

Material

Part	Ν	laterial	Finish		Remarks
Insulator		PBT	Black		UL94V-0
Contact	Beryl	lium copper	Contact area	Gold plated over nickel underplated	

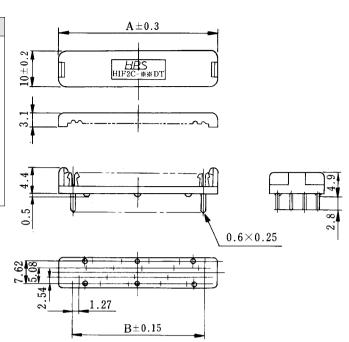
Ordering Information

$\frac{\mathsf{HIF2C}}{\bullet} - \frac{*}{\circ} \frac{\mathsf{DT}}{\circ} - \frac{1.27}{\circ} \frac{\mathsf{R}}{\circ}$

Series Name: HIF 2C	Contact Pitch: 1.27mm
Number of contacts: 10, 16, 20, 26, 30, 34, 40, 50, and 60	G Connection type : R : ribbon cable
S Contact alignment: DT : staggered	

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-Roh Are to be a stranger of the product of the produ

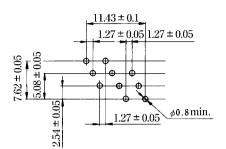
Part Number CL No. Number of Contacts A B RoHS HIF2C-10DT-1.27R(01) 561-0075-0-01 10 17.8 11.43 HIF2C-16DT-1.27R(01) 561-0077-6-01 16 25.4 19.05 HIF2C-20DT-1.27R(01) 561-0079-1-01 20 30.5 24.13 HIF2C-26DT-1.27R(01) 561-0081-3-01 26 38.1 31.75 HIF2C-30DT-1.27R(01) 561-0083-9-01 30 43.2 36.83 HIF2C-30DT-1.27R(01) 561-0085-4-01 34 48.3 41.91 HIF2C-40DT-1.27R(01) 561-0087-0-01 40 55.9 49.53 HIF2C-50DT-1.27R(01) 561-0089-5-01 50 68.6 62.23 HIF2C-60DT-1.27R(01) 561-0089-5-01 60 81.3 74.93						
HIF2C-16DT-1.27R(01) 561-0077-6-01 16 25.4 19.05 HIF2C-20DT-1.27R(01) 561-0079-1-01 20 30.5 24.13 HIF2C-26DT-1.27R(01) 561-0081-3-01 26 38.1 31.75 HIF2C-30DT-1.27R(01) 561-0083-9-01 30 43.2 36.83 HIF2C-34DT-1.27R(01) 561-0085-4-01 34 48.3 41.91 HIF2C-40DT-1.27R(01) 561-0087-0-01 40 55.9 49.53 HIF2C-50DT-1.27R(01) 561-0089-5-01 50 68.6 62.23	Part Number	CL No.	Number of Contacts	А	В	RoHS
HIF2C-20DT-1.27R(01) 561-0079-1-01 20 30.5 24.13 HIF2C-26DT-1.27R(01) 561-0081-3-01 26 38.1 31.75 HIF2C-30DT-1.27R(01) 561-0083-9-01 30 43.2 36.83 HIF2C-34DT-1.27R(01) 561-0085-4-01 34 48.3 41.91 HIF2C-40DT-1.27R(01) 561-0087-0-01 40 55.9 49.53 HIF2C-50DT-1.27R(01) 561-0089-5-01 50 68.6 62.23	HIF2C-10DT-1.27R(01)	561-0075-0-01	10	17.8	11.43	
HIF2C-26DT-1.27R(01) 561-0081-3-01 26 38.1 31.75 HIF2C-30DT-1.27R(01) 561-0083-9-01 30 43.2 36.83 YES HIF2C-34DT-1.27R(01) 561-0085-4-01 34 48.3 41.91 HIF2C-40DT-1.27R(01) 561-0087-0-01 40 55.9 49.53 HIF2C-50DT-1.27R(01) 561-0089-5-01 50 68.6 62.23	HIF2C-16DT-1.27R(01)	561-0077-6-01	16	25.4	19.05	
HIF2C-30DT-1.27R(01) 561-0083-9-01 30 43.2 36.83 YES HIF2C-34DT-1.27R(01) 561-0085-4-01 34 48.3 41.91 HIF2C-40DT-1.27R(01) 561-0087-0-01 40 55.9 49.53 HIF2C-50DT-1.27R(01) 561-0089-5-01 50 68.6 62.23	HIF2C-20DT-1.27R(01)	561-0079-1-01	20	30.5	24.13	
HIF2C-34DT-1.27R(01)561-0085-4-013448.341.91HIF2C-40DT-1.27R(01)561-0087-0-014055.949.53HIF2C-50DT-1.27R(01)561-0089-5-015068.662.23	HIF2C-26DT-1.27R(01)	561-0081-3-01	26	38.1	31.75	
HIF2C-40DT-1.27R(01) 561-0087-0-01 40 55.9 49.53 HIF2C-50DT-1.27R(01) 561-0089-5-01 50 68.6 62.23	HIF2C-30DT-1.27R(01)	561-0083-9-01	30	43.2	36.83	YES
HIF2C-50DT-1.27R(01) 561-0089-5-01 50 68.6 62.23	HIF2C-34DT-1.27R(01)	561-0085-4-01	34	48.3	41.91	
	HIF2C-40DT-1.27R(01)	561-0087-0-01	40	55.9	49.53	
HIF2C-60DT-1.27R(01) 561-0091-7-01 60 81.3 74.93	HIF2C-50DT-1.27R(01)	561-0089-5-01	50	68.6	62.23	
	HIF2C-60DT-1.27R(01)	561-0091-7-01	60	81.3	74.93	



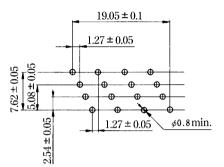
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirosophete Solf escription of the complete comp

● PCB mounting pattern

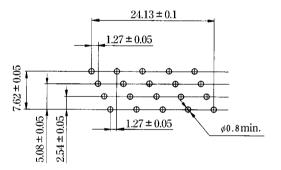
10 contacts



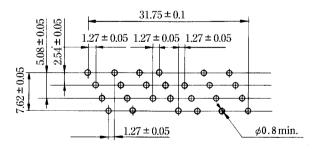
16 contacts



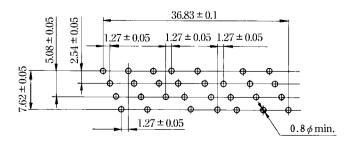
20 contacts



26 contacts



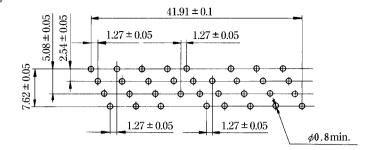
30 contacts

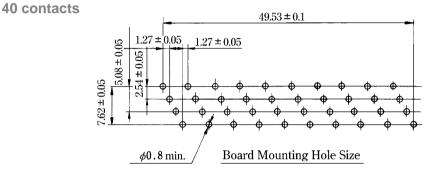


The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-Rol Surgers share been discontineered or will be descent place of the products datus on the Hirose website Roll'S search at www.hirose-connectors.com, or contact your Hirose sales representative.

● PCB mounting pattern

34 contacts





50 contacts 62.23 ± 0.1 1.27 ± 0.05 1.27 ± 0.05 000 1.27 ± 0.05 1.27 ± 0.05 1.27 ± 0.05 000 1.27 ± 0.05 1.27 ± 0.05 Board Mounting Hole Size

