

## HIF3C Series

## 1. Product Compliant with MIL Standard

## 2. UL Approval Product

HIF3C series connectors are UL approved.

### 3. Mechanism to Prevent Mis-insertion

This connector is equipped with the mechanism to prevent Mis-insertion as follows.

- ① The system provides the convex area to insert the guide-key on the pin header side, and to guide it in combination with the socket convex area (MIL standard).
- ② The system embeds and guides the polarizing key in the socket holes.

4. Applicable Cable AWG #20~28

The applicable cable UL2651 AWG #20~28 flat cable.



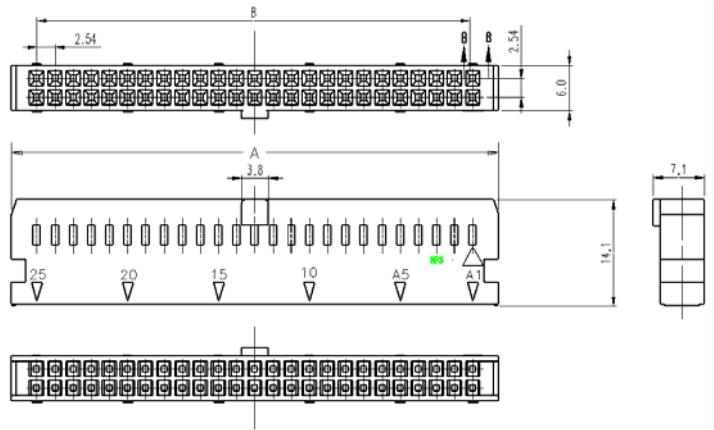
Rating	Current rating : 3A	Operating Temperature Rating : -55 to +85℃(N	Storage Temperature Rating : to + ℃
	Voltage rating : 250V AC	Operating Moisture Rating : 40 to 80%	Storage Humidity Rating : to %

Item	Specification	Condetion
1. Insulation Resistance	1000M $\Omega$ min.	500V DC
2. Withstanding voltage	No flashver or insultion breakdown.	650V AC/1minute
3. Contact Resistance		0.1A
4. Vibration	No electrical discontinuity of 1 $\mu$ s or more	Frequency :10 to 55 Hz, single amplitude of 1.5mm,
5. Humidity (Steady stat	Insulation resistance : 100M $\Omega$ min.	96hours at temperature of 40℃ and humidity of 90%
6. Temperature Cycle	No damage, cracks, or parts looseness. 1000M $\Omega$ min.	(-65℃: 30minutes $\rightarrow$ 15 to 35℃ : 5minutes max. 125℃: 30minutes $\rightarrow$ 15 to 35℃ : 5minutes max. )

- socket

$$\frac{\text{HIF3C}}{\textcircled{1}} - \frac{*}{\textcircled{2}} \frac{\text{D}}{\textcircled{3}} - \frac{2.54}{\textcircled{4}} \frac{\text{C}}{\textcircled{5}}$$

① Series Name	: HIF
② Number of contact	: 10, 16, 20, 26, 34, 40, 50
③ D	: Double
④ Contact pitch	: 2.54mm
⑤ Connecting type	C : Crimping



Part Number	CL No.	Number of Contact	A	B	Polarizing Guide
HIF3C-10D-2.54C	6505-0012-2-011	10	17.3	10.2	One at center
HIF3C-16D-2.54C	6505-0015-0-011	16	24.8	17.8	
HIF3C-20D-2.54C	6505-0013-5-011	20	30	22.9	
HIF3C-26D-2.54C	6505-0016-3-011	26	37.6	30.5	
HIF3C-30D-2.54C	6505-0014-8-011	30	42.6	35.6	
HIF3C-34D-2.54C	6505-0017-6-011	34	47.8	40.6	
HIF3C-40D-2.54C	6505-0018-9-011	40	55.4	48.3	One right and left side, rest
HIF3C-50D-2.54C	6505-0019-1-011	50	68	61	
HIF3BB-50D-2.54C	6505-0020-0-011	50	68	61	One at center