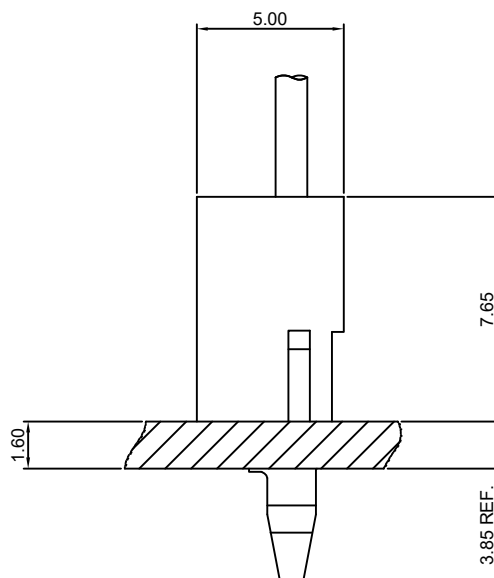


### Specifications

- Current rating: 7A AC, DC
- Voltage rating: 300V AC, DC
- Temperature range: -25°C ~ +85°C
- Contact resistance: 20mΩ Max.
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/minute
- \*Meet the HF/Halogen Free, GWT/Glow wire Test (IEC60335-1) request, need to customize\*
- \*Contact HDGC for details\*

### Assembly layout





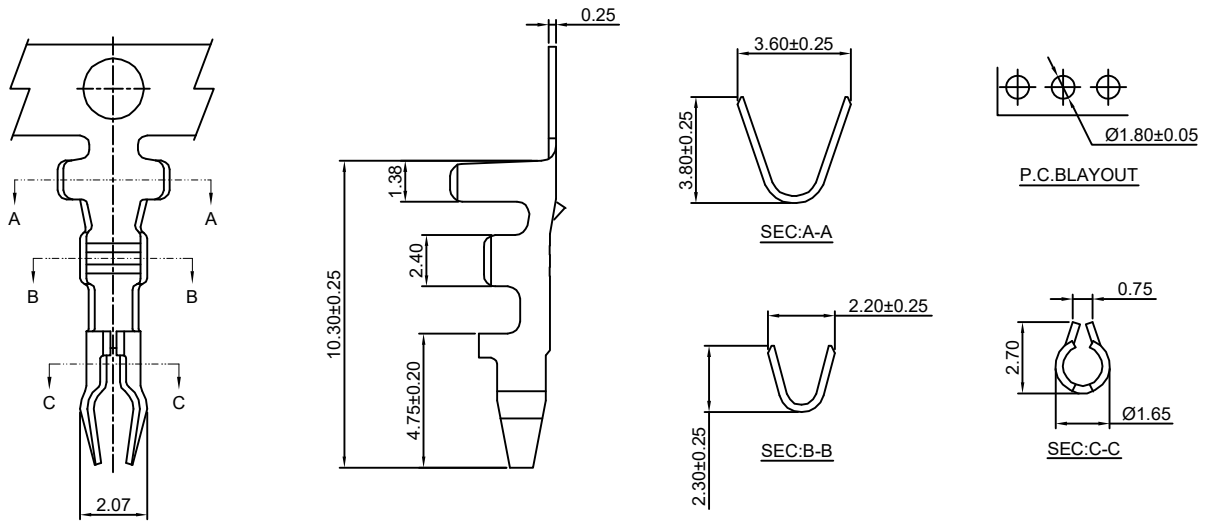
## HDGC3970 Series 3.96mm (.156") Pitch Board-in Connector

### HDGC3970-T

3.96mm pitch Crimp Terminal

**Reference Informations:**

\*Used in HDGC3970H-XP series Housing



**Ordering information & Specifications:**

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC3970-TB	AWG#18-#22	3.00mm(max)	Brass	Tin over Nickel	6,000 PCS
HDGC3970-TP	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Tin over Nickel	6,000 PCS
HDGC3970-GB	AWG#18-#22	3.00mm(max)	Brass	Gold over Nickel	6,000 PCS
HDGC3970-GP	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Gold over Nickel	6,000 PCS

Optional Gold plating available but MOQ requested

### HDGC3970H-XP

3.96mm pitch Housing

**Reference Informations:**

\*Material:Nylon 66,UL94V-0

\*Suitable HDGC3970-T series Terminal

\*Color:Natural(white)

**Ordering Information:**

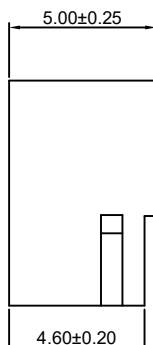
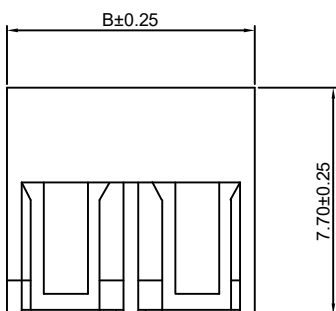
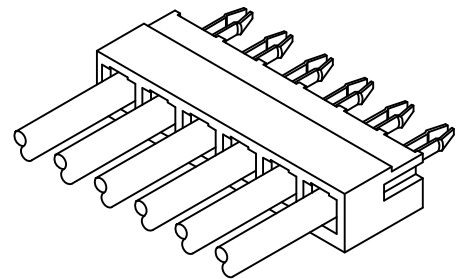
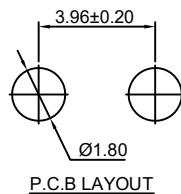
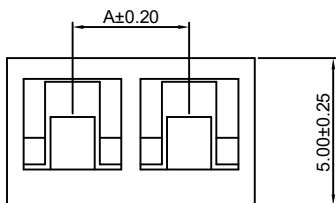
HDGC3970H-XP - \*\*\*  
1 2

1.Part No.

2.Material:

(blank):Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C



**Ordering Information & Dimensions:**

PART NO.	Dimensions	
	A	B
2P	3.96	8.42
3P	7.92	12.38
4P	11.88	16.34
5P	15.84	20.30
6P	19.80	24.26
7P	23.76	28.22
8P	27.72	32.18
9P	31.68	36.14
10P	35.64	40.10
11P	39.60	44.06
12P	43.56	48.02
13P	47.52	51.98
14P	51.48	55.94
15P	55.44	59.90

Unit: mm