

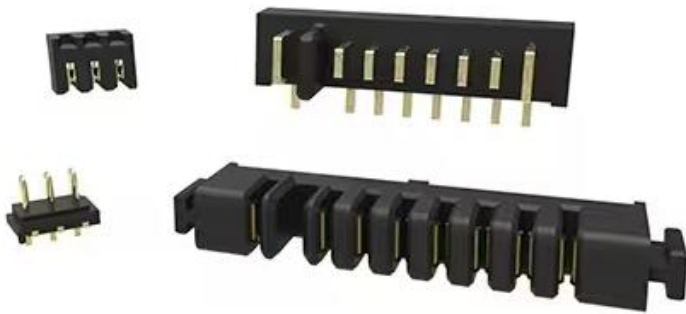


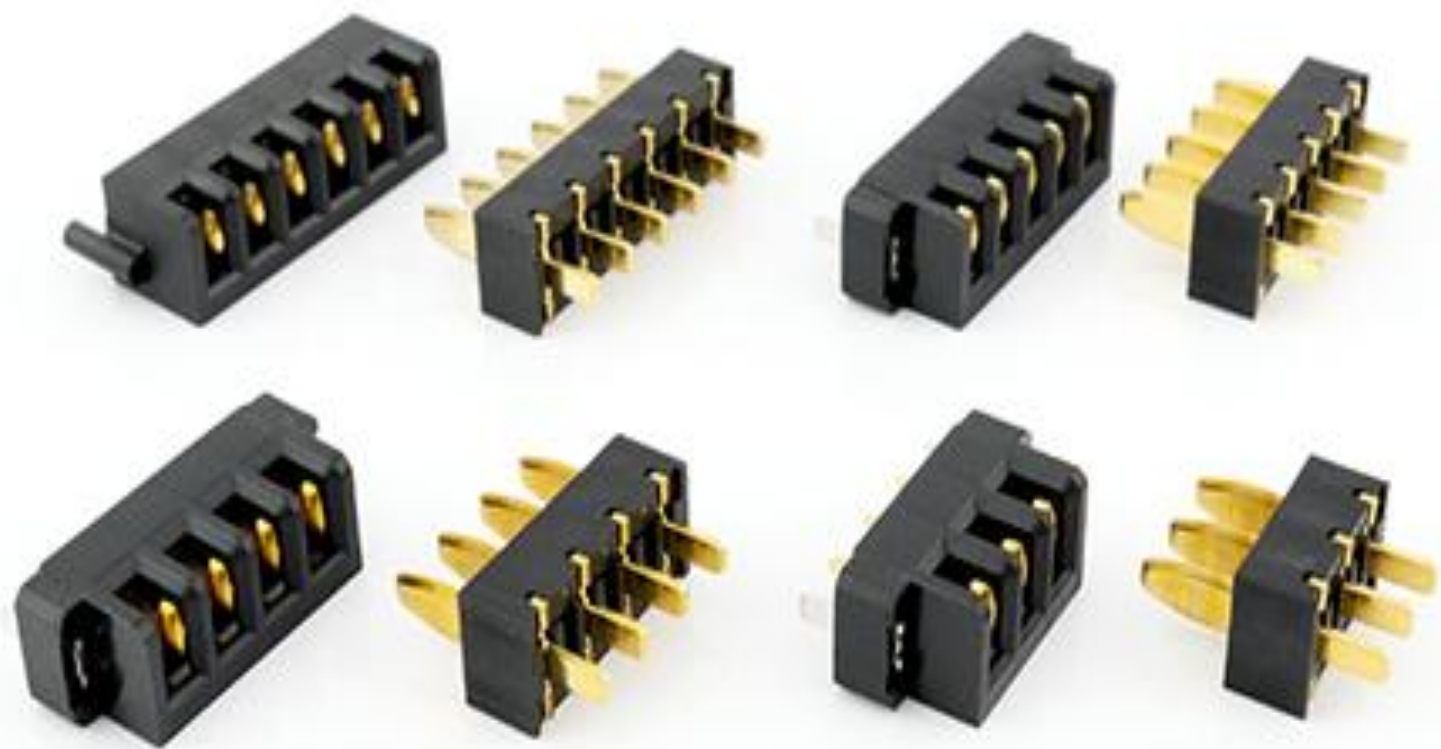
# **S.T. Industrial (ASIA) Limited**

## **Blade Type Connector**

**Prepare by: Technician Engineer**

**Date: 15-Oct-2022**





## Advantage for Blade Type Connector

- (1) Easy to plug-in, no accidental rip-off of the cable.
- (2) Different designs maximize the stability of the current flow by increasing the number of contact inside the pin.
- (3) Blade Type Connector have a far superior lifetime as compared to other connector types as they minimize the mechanical strain on the parts.
- (4) Blade Type connector can be quickly and easily connected which reduce the risk of damage to the connector or device.
- (5) Blade Type connectors can be designed to take up less space than traditional connectors, making them ideal for use in small electronic devices.

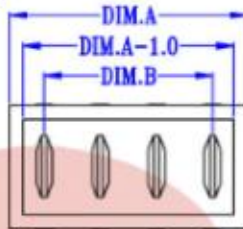


<b>ITEM NO</b>	<b>BL-059-04</b>
<b>SPEC :</b>	<b>4.4 * 2.7 mm</b>
<b>PITCH (mm)</b>	<b>2</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/ REFLOW SOLDERING</b>
<b>RATING :</b>	<b>3A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>10,000Cycles</b>



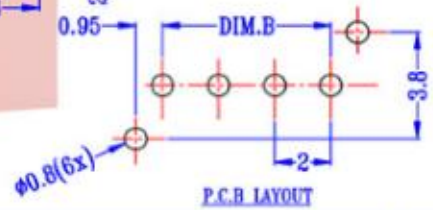
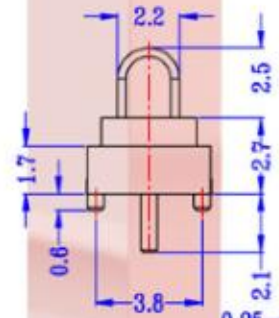
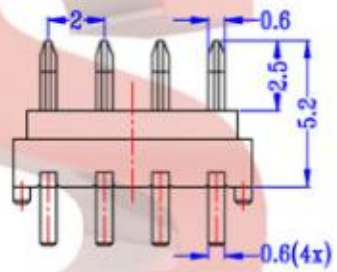
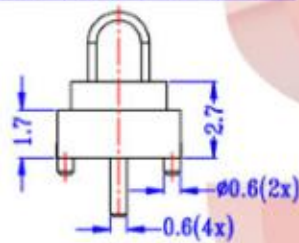
CAD FILE:

NO. of Pins	Dimension		
	DIM.A	DIM.B	DIM.C
02	4.5	2.0	3.9
03	6.5	4.0	5.9
04	8.5	6.0	7.9
05	10.5	8.0	9.9
06	12.5	10.0	11.9
07	14.5	12.0	13.9
08	16.5	14.0	15.9
09	18.5	16.0	17.9
10	20.5	18.0	19.9



**SPECIFICATIONS**

- 1.ELECTRICAL CHARACTERISTICS:**  
 1-1.RATING: DC 12V 3A  
 1-2.CONTACT RESISTANCE: 30mΩ MAX(INITAL)  
 1-3.DIELECTRIC WITHSTANDING VOLTAGE:  
 500V AC FOR ONE MINUTE  
 1-4.INSULATION RESISTANCE: 100M MIN,  
 MEASURED BY 500V DC  
**2.LIFE TEST: MECHANICAL LIFE TEST 10,000 CYCLES**



8					TOLERANCE UNLESS SPECIFIED				
7					WITHIN 1.5mm : ±0.1mm				
6					OVER 1.5mm : ±0.2mm				
5						ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4					TITLE :	UNIT : mm		DRWG NO.: BL-059-04	
3					MODEL: BL-059-04	SCALE: 1:1		DWN. Y M G	28-Aug-2021
2	CONTACT TERMINAL	C2580	4	Au PLATED	S.T. INDUSTRIAL (ASIA) LIMITED		CHK'D L M		28-Aug-2021
1	HOUSING	LCP	1	BLACK			APPD. ENG-052		28-Aug-2021
NO.	PARTS	MATERIALS	Q'TY	FINISH					

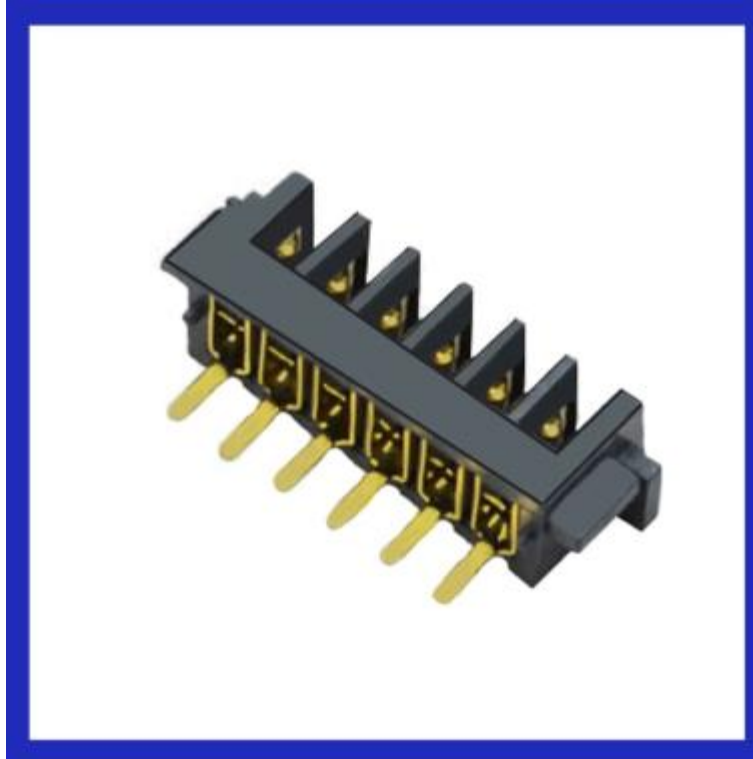


<b>ITEM NO</b>	<b>BL-065-U25-5</b>
<b>SPEC :</b>	<b>4.0 * 2.3 mm</b>
<b>PITCH (mm)</b>	<b>2.5</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/ WAVE SOLDERING</b>
<b>RATING :</b>	<b>5A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>









<b>ITEM NO</b>	<b>BL-065-D25-5</b>
<b>SPEC :</b>	<b>5.52*6.5 mm</b>
<b>PITCH (mm)</b>	<b>2.5</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/WAVE SOLDERING</b>
<b>RATING :</b>	<b>5A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30m<math>\Omega</math> MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100M<math>\Omega</math> MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>



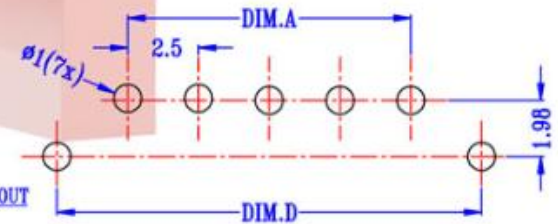
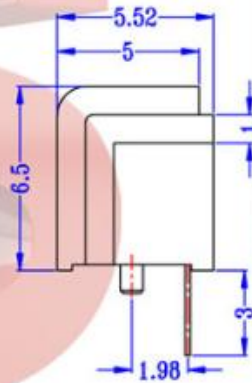
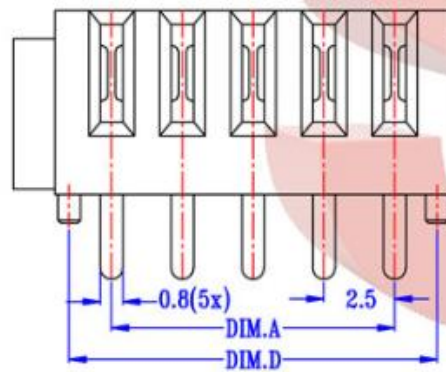
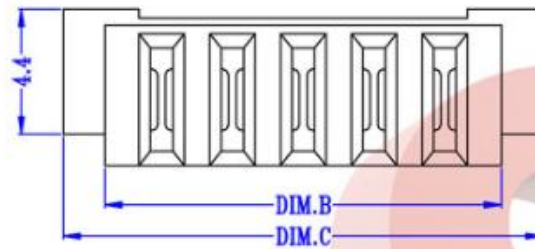
CAD FILE:

**SPECIFICATIONS**

**1.ELECTRICAL CHARACTERISTICS:**

- 1-1.RATING: DC 12V 5A
- 1-2.CONTACT RESISTANCE: 30mΩ MAX(INITAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
- 1-4.INSULATION RESISTANCE: 100M MIN,  
MEASURED BY 500V DC

**2.LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES**

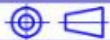


PART NO.	Dimension			
	DIM.A	DIM.B	DIM.C	DIM.D
BL-065-D25-2	2.5	6.5	9.45	5.5
BL-065-D25-3	5.0	9.0	11.95	8.0
BL-065-D25-4	7.5	11.5	14.45	10.5
BL-065-D25-5	10.0	14.0	16.95	13.0
BL-065-D25-6	12.5	16.5	19.45	15.5
BL-065-D25-7	15.0	19.0	21.95	18.0
BL-065-D25-8	17.5	21.5	24.45	20.5
BL-065-D25-9	20.0	24.0	26.95	23.0
BL-065-D25-10	22.5	26.5	29.45	25.5
BL-065-D25-11	25.0	29.0	31.95	28.0
BL-065-D25-12	27.5	31.5	34.45	30.5
BL-065-D25-13	30.0	34.0	36.95	33.0
BL-065-D25-14	32.5	36.5	39.45	35.5
BL-065-D25-15	35.0	39.0	41.95	38.0
BL-065-D25-16	37.5	41.5	44.45	40.5

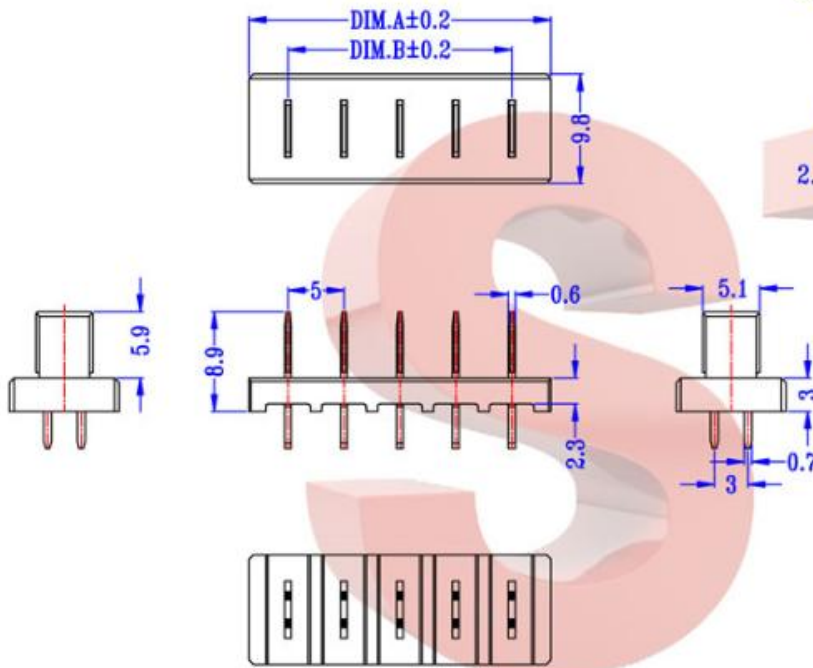
8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm				
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4					TITLE :	UNIT : mm	DRWG NO.: BL-065-D25-5		
3					MODEL: BL-065-D25-5	SCALE: 1:1	DWN.	Y M G	11-Dec-2022
2	TERMINAL	C2680	5	Au PLATED			CHK'D	L M	11-Dec-2022
1	HOUSING	PA10T	1	BLACK			APPD.	ENG-052	11-Dec-2022
NO.	PARTS	MATERIALS	Q'TY	FINISH	S.T. INDUSTRIAL (ASIA) LIMITED				



<b>ITEM NO</b>	<b>BL-066-U50-5</b>
<b>SPEC :</b>	<b>9.8*3.0 mm</b>
<b>PITCH (mm)</b>	<b>5</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/WAVE SOLDERING</b>
<b>RATING :</b>	<b>7A 16V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30m<math>\Omega</math> MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100M<math>\Omega</math> MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>



CAD FILE:



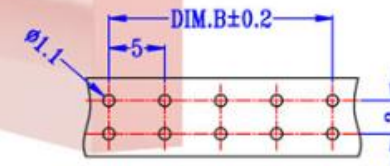
**SPECIFICATIONS**

**1.ELECTRICAL CHARACTERISTICS:**

- 1-1.RATING: DC 16V 7A
- 1-2.CONTACT RESISTANCE: 30mΩ MAX(INITAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
- 1-4.INSULATION RESISTANCE: 1000MΩ MIN,  
MEASURED BY 500V DC

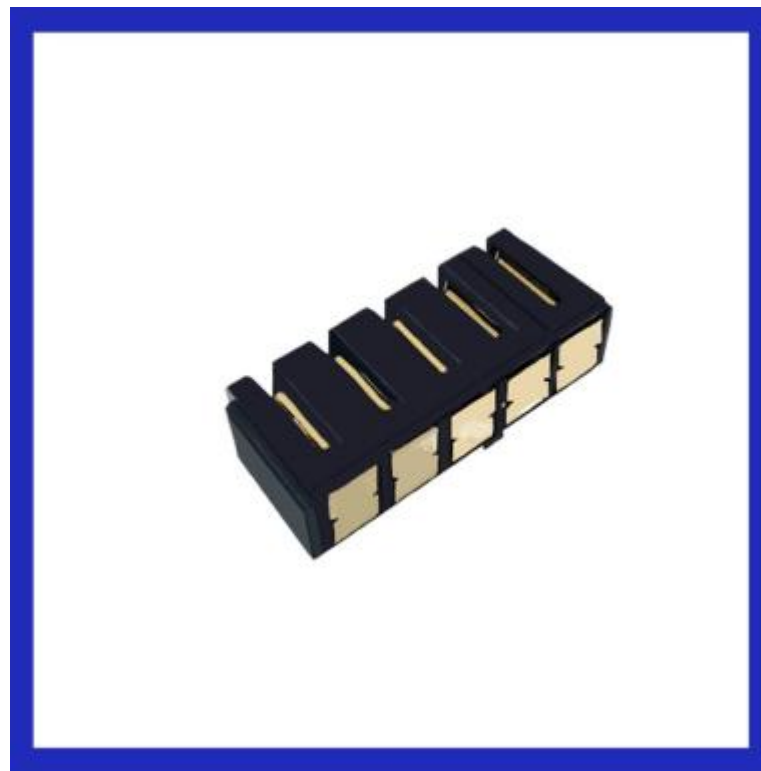
**2.LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES**

PART NO.	Dimension	
	DIM.A	DIM.B
BL-066-U50-2	12.0	5.0
BL-066-U50-3	17.0	10.0
BL-066-U50-4	22.0	15.0
BL-066-U50-5	27.0	20.0



P.C.B LAYOUT

8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm				
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4					TITLE :	UNIT : mm		DRWG NO.: BL-066-U50-5	
3					MODEL: BL-066-U50-5	SCALE: 1:1		DWN. Y M G	12-Dec-2022
2	TERMINAL	C2680	5	Au PLATED				CHK'D L M	12-Dec-2022
1	HOUSING	PA10T	1	BLACK				APPD. ENG-052	12-Dec-2022
NO.	PARTS	MATERIALS	Q'TY	FINISH	S.T. INDUSTRIAL (ASIA) LIMITED				

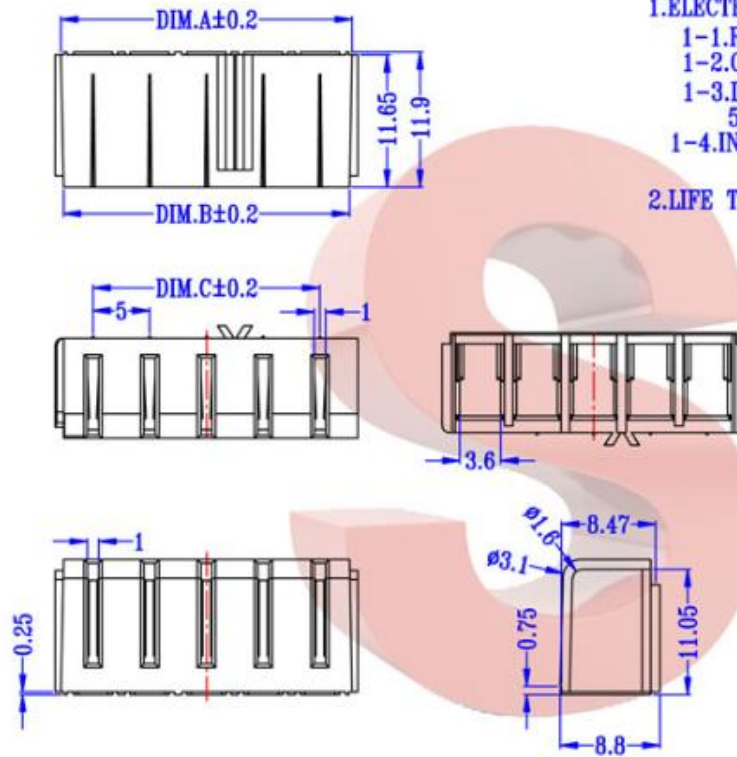


<b>ITEM NO</b>	<b>BL-066-D50-5</b>
<b>SPEC :</b>	<b>8.8 * 11.9 mm</b>
<b>PITCH (mm)</b>	<b>5</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/ REFLOW SOLDERING</b>
<b>RATING :</b>	<b>8A 20V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>1000V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>





CAD FILE:



## SPECIFICATIONS

## 1.ELECTRICAL CHARACTERISTICS:

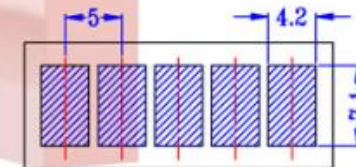
1-1.RATING: DC 20V 8A

1-2.CONTACT RESISTANCE: 30mΩ MAX(INITAL)

1-3.DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE1-4.INSULATION RESISTANCE: 1000MΩ MIN,  
MEASURED BY 500V DC

## 2.LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES

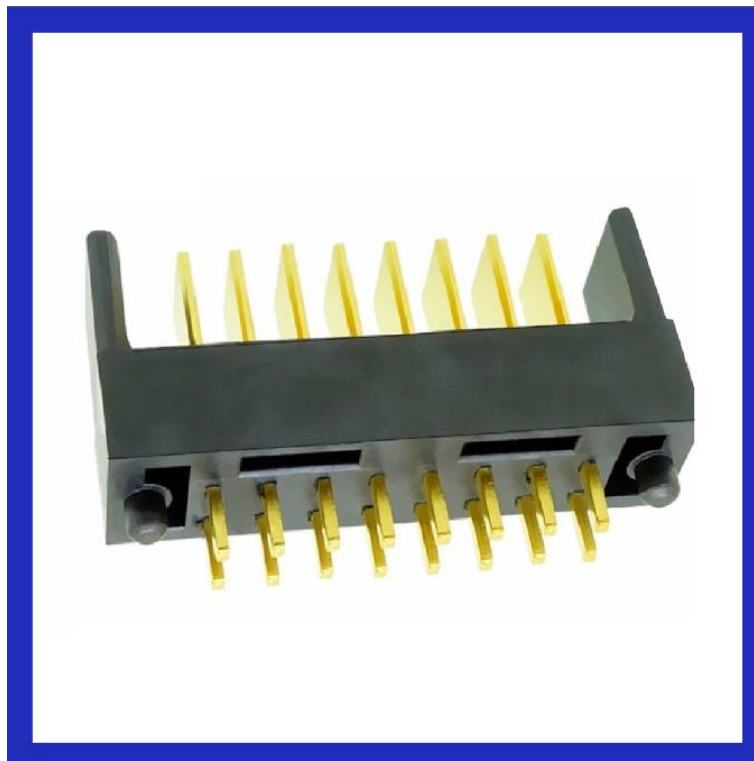
PART NO.	Dimension		
	DIM.A	DIM.B	DIM.C
BL-066-D50-2	10.7	10.2	5.0
BL-066-D50-3	15.7	15.2	10.0
BL-066-D50-4	20.7	20.2	15.0
BL-066-D50-5	25.7	25.2	20.0



P.C.B LAYOUT

8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm				
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4					TITLE :		UNIT : mm	DRWC NO.: BL-066-D50-5	
3									
2	TERMINAL	C5210	5	Au PLATED	MODEL: BL-066-D50-5		SCALE: 1:1	DWN. Y M G	12-Dec-2022
1	HOUSING	PA10T	1	BLACK				CHK'D L M	12-Dec-2022
NO.	PARTS	MATERIALS	Q'TY	FINISH	S.T. INDUSTRIAL (ASIA) LIMITED			APPD. ENG-052	12-Dec-2022





<b>ITEM NO</b>	<b>BL-067-U20-6</b>
<b>SPEC :</b>	<b>5.5*10.1 mm</b>
<b>PITCH (mm)</b>	<b>2</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/WAVE SOLDERING</b>
<b>RATING :</b>	<b>8A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>

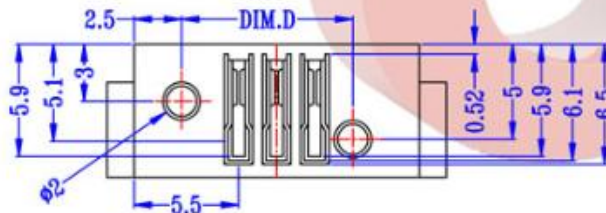
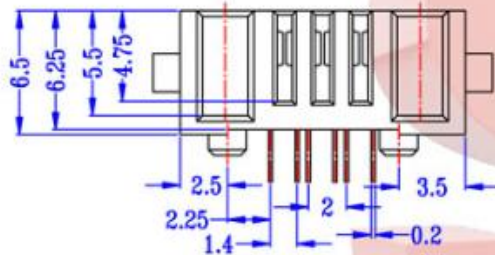
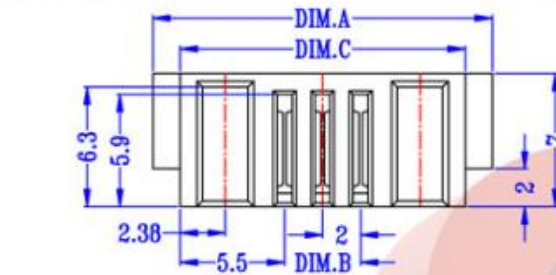




<b>ITEM NO</b>	<b>BL-067-D20-10</b>
<b>SPEC :</b>	<b>7.0 * 6.5 mm</b>
<b>PITCH (mm)</b>	<b>2</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL / REFLOW / WAVE SOLDERING</b>
<b>RATING :</b>	<b>8A 20V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>



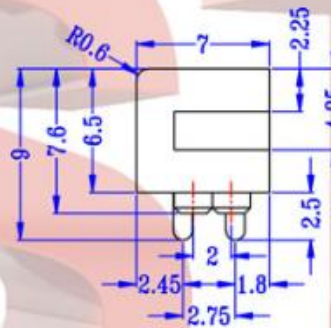
CAD FILE:



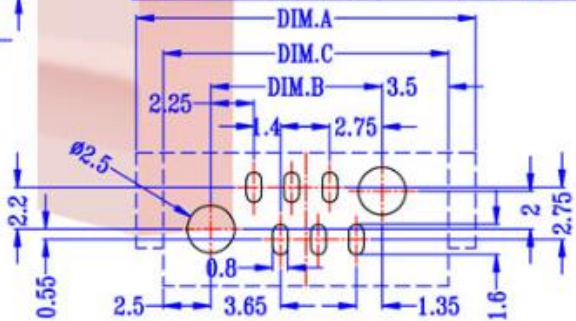
**SPECIFICATIONS**

1. ELECTRICAL CHARACTERISTICS:
  - 1-1. RATING: DC 12V 8A
  - 1-2. CONTACT RESISTANCE: 30mΩ MAX(INITIAL)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
  - 1-4. INSULATION RESISTANCE: 100MΩ MIN, MEASURED BY 500V DC
2. LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES

PART NO.	Dimension			
	DIM.A	DIM.B	DIM.C	DIM.D
BL-067-D67-3	17.85	4.0	15.0	9.0
BL-067-D67-4	19.85	6.0	17.0	11.0
BL-067-D67-5	21.85	8.0	19.0	13.0
BL-067-D67-6	23.85	10.0	21.0	15.0
BL-067-D67-7	25.85	12.0	23.0	17.0
BL-067-D67-8	27.85	14.0	25.0	19.0
BL-067-D67-9	29.85	16.0	27.0	21.0
BL-067-D67-10	31.85	18.0	29.0	23.0
BL-067-D67-11	33.85	20.0	31.0	25.0
BL-067-D67-12	35.85	22.0	33.0	27.0
BL-067-D67-13	37.85	24.0	35.0	29.0
BL-067-D67-14	39.85	26.0	37.0	31.0
BL-067-D67-15	41.85	28.0	39.0	33.0
BL-067-D67-16	43.85	30.0	41.0	35.0



**P.C.B LAYOUT**



8										
7										
6										
5										
4										
3										
2	TERMINAL	C5210	6	Au PLATED						
1	HOUSING	PA10T	1	BLACK						
NO.	PARTS	MATERIALS	Q'TY	FINISH						
					TOLERANCE UNLESS SPECIFIED					
					WITHIN 1.5mm : ±0.1mm					
					OVER 1.5mm : ±0.2mm		ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
					TITLE :			UNIT : mm	DRWG NO.: BL-067-D20-3	
					MODEL: BL-067-D20-3			SCALE: 1:1	DWN. Y M G	28-Dec-2022
								CHK'D L M	28-Dec-2022	
					S.T. INDUSTRIAL (ASIA) LIMITED			APPD. ENG-052	28-Dec-2022	





<b>ITEM NO</b>	<b>BL-068-U20-5</b>
<b>SPEC :</b>	<b>2.0 * 3.0 mm</b>
<b>PITCH (mm)</b>	<b>2</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/ REFLOW SOLDERING</b>
<b>RATING :</b>	<b>3A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>



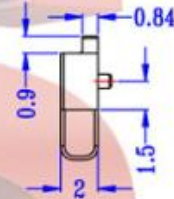
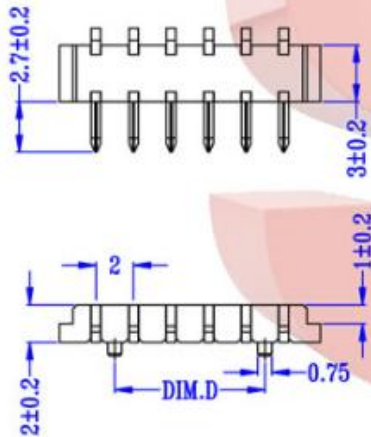
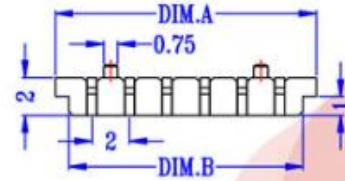
CAD FILE:

**SPECIFICATIONS**

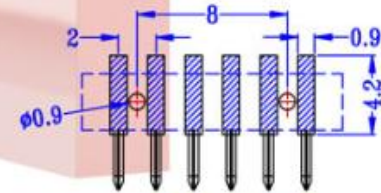
**1.ELECTRICAL CHARACTERISTICS:**

- 1-1.RATING: DC 12V 3A
- 1-2.CONTACT RESISTANCE: 30mΩ MAX(INITAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
- 1-4.INSULATION RESISTANCE: 100MΩ MIN,  
MEASURED BY 500V DC

**2.LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES**



PART NO.	Dimension			
	DIM.A	DIM.B	DIM.C	DIM.D
BL-068-U20-2	5.9	4.45	2.0	3.95
BL-068-U20-3	7.9	6.45	4.0	2.0
BL-068-U20-4	9.9	8.45	6.0	4.0
BL-068-U20-5	11.9	10.45	8.0	6.0
BL-068-U20-6	13.9	12.45	10.0	8.0



**P.C.B LAYOUT**

8					TOLERANCE					
7					UNLESS SPECIFIED					
6					WITHIN 1.5mm : ±0.1mm					
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION		APPD.
4					TITLE :	UNIT : mm		DRWG NO.: BL-068-U20-6		
3					MODEL: BL-068-U20-6	SCALE: 1:1		DWN.	Y M G	11-Dec-2022
2	TERMINAL	C2680	6	Au PLATED				CHK'D	L M	11-Dec-2022
1	HOUSING	LCP	1	GRAY				APPD.	ENG-052	11-Dec-2022
NO.	PARTS	MATERIALS	Q'TY	FINISH	S.T. INDUSTRIAL (ASIA) LIMITED					





<b>ITEM NO</b>	<b>BL-068-D20-4</b>
<b>SPEC :</b>	<b>4.0 * 2.65 mm</b>
<b>PITCH (mm)</b>	<b>2</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL / REFLOW SOLDERING</b>
<b>RATING :</b>	<b>3A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>

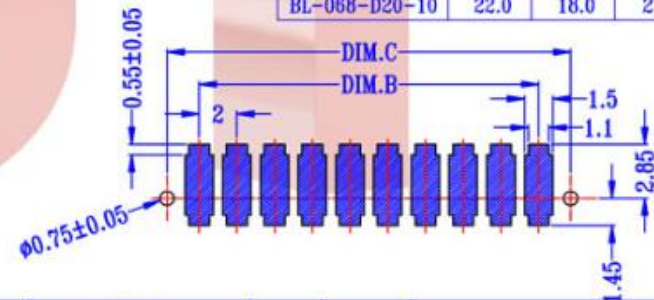
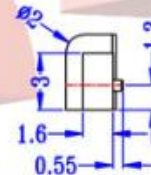
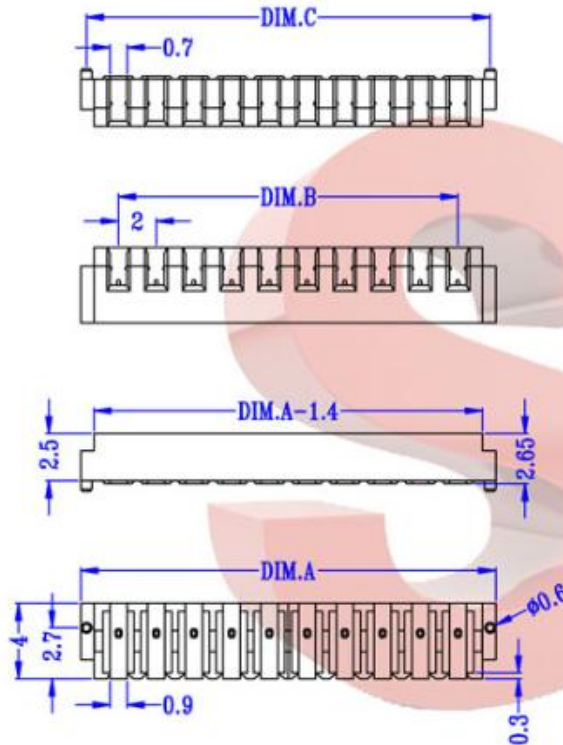
CAD FILE:

**SPECIFICATIONS**

**1.ELECTRICAL CHARACTERISTICS:**

- 1-1.RATING: DC 12V 3A
- 1-2.CONTACT RESISTANCE: 30mΩ MAX(INITIAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
- 1-4.INSULATION RESISTANCE: 100MΩ MIN,  
MEASURED BY 500V DC

**2.LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES**



PART NO.	Dimension		
	DIM.A	DIM.B	DIM.C
BL-068-D20-2	6.0	2.0	5.4
BL-068-D20-3	8.0	4.0	7.4
BL-068-D20-4	10.0	6.0	9.4
BL-068-D20-5	12.0	8.0	11.4
BL-068-D20-6	14.0	10.0	13.4
BL-068-D20-7	16.0	12.0	15.4
BL-068-D20-8	18.0	14.0	17.4
BL-068-D20-9	20.0	16.0	19.4
BL-068-D20-10	22.0	18.0	21.4

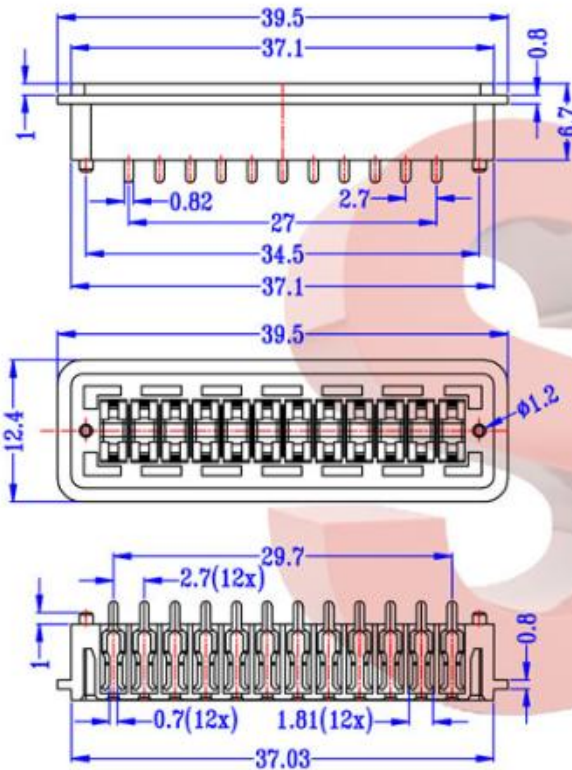
8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm				
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4					TITLE :	UNIT : mm	DRWG NO.: BL-068-D20-10		
3					MODEL: BL-068-D20-10	SCALE: 1:1	DWN.	Y M G	12-Dec-2022
2	TERMINAL	C5210	10	Au PLATED			CHK'D	L M	12-Dec-2022
1	HOUSING	LCP	1	GRAY			APPD.	ENG-052	12-Dec-2022
NO.	PARTS	MATERIALS	Q'TY	FINISH	S.T. INDUSTRIAL (ASIA) LIMITED				



<b>ITEM NO</b>	<b>BL-080-D27-12</b>
<b>SPEC :</b>	<b>12.4 * 6.7 mm</b>
<b>PITCH (mm)</b>	<b>2.7</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL / WAVE / REFLOW SOLDERING</b>
<b>RATING :</b>	<b>3A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>



CAD FILE:

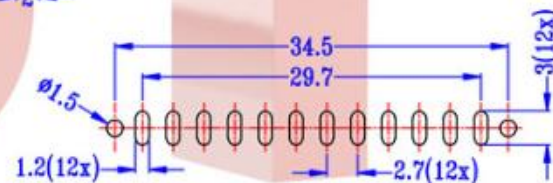
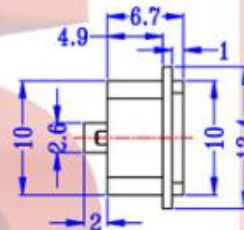


### SPECIFICATIONS

#### 1.ELECTRICAL CHARACTERISTICS:

- 1-1.RATING: DC 12V 12A
- 1-2.CONTACT RESISTANCE: 30m $\Omega$  MAX(INITAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
- 1-4.INSULATION RESISTANCE: 100M $\Omega$  MIN, MEASURED BY 500V DC

#### 2.LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES



P.C.B LAYOUT

8					TOLERANCE					
7					UNLESS SPECIFIED					
6					WITHIN 1.5mm : $\pm 0.1$ mm					
5					OVER 1.5mm : $\pm 0.2$ mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.	
4					TITLE :		UNIT : mm	DRWG NO.: BL-080-D27-12		
3					MODEL: BL-080-D27-12		SCALE: 1:1	DWN.	Y M G	
2	TERMINAL	C2680	12	Au PLATED				CHK'D	L M	
1	HOUSING	LCP	1	BLACK				APPD.	ENG-052	
NO.	PARTS	MATERIALS	Q'TY	FINISH	S.T. INDUSTRIAL (ASIA) LIMITED					12-Dec-2022

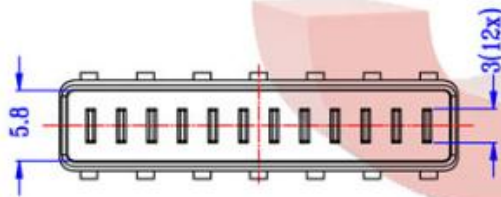
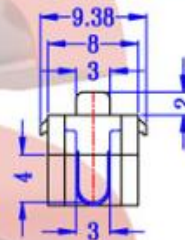
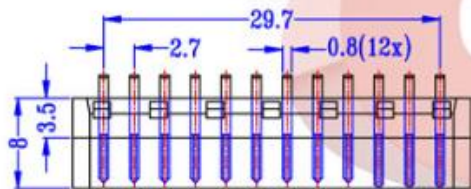
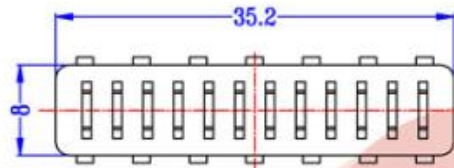


<b>ITEM NO</b>	<b>BL-080-U27-12</b>
<b>SPEC :</b>	<b>8.0 * 8.0 mm</b>
<b>PITCH (mm)</b>	<b>2.7</b>
<b>PLATING :</b>	<b>AU PLATED</b>
<b>WELDING METHOD :</b>	<b>MANUAL/ WAVE / REFLOW SOLDERING</b>
<b>RATING :</b>	<b>12A 12V DC</b>
<b>CONTACT RESISTANCT :</b>	<b>30mΩ MAX</b>
<b>WITHSTAND VOLTAGE :</b>	<b>500V / mins</b>
<b>INSULATION RESISTANCE :</b>	<b>100MΩ MIN</b>
<b>LIFE TEST MECHANICAL :</b>	<b>5,000Cycles</b>





CAD FILE:

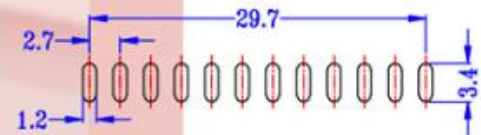


**SPECIFICATIONS**

**1.ELECTRICAL CHARACTERISTICS:**

- 1-1.RATING: DC 12V 12A
- 1-2.CONTACT RESISTANCE: 30mΩ MAX(INITAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
- 1-4.INSULATION RESISTANCE: 100MΩ MIN, MEASURED BY 500V DC

**2.LIFE TEST: MECHANICAL LIFE TEST 5,000 CYCLES**



P.C.B LAYOUT

8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm				
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4					TITLE :		UNIT : mm	DRWG NO.: BL-080-U27-12	
3					MODEL: BL-080-U27-12		SCALE: 1:1	DWN. YMG	12-Dec-2022
2	TERMINAL	C2680	12	Au PLATED				CHK'D L W	12-Dec-2022
1	HOUSING	LCP	1	BLACK				APPD. ENG-052	12-Dec-2022
NO.	PARTS	MATERIALS	Q'TY	FINISH	S.T. INDUSTRIAL (ASIA) LIMITED				



Thank You