

**ASIN: B0731MZCGF**



**750** PIECES

## SIZE CHART



x 50pcs  
Connector Plug Male - 4Pin



x 50pcs  
Connector Plug Male - 3Pin



x 50pcs  
Connector Plug Male - 2Pin

### JST PH 2.0mm Connector Plug Male



x 50pcs  
Connector Plug Female - 4Pin



x 50pcs  
Connector Plug Female - 3Pin



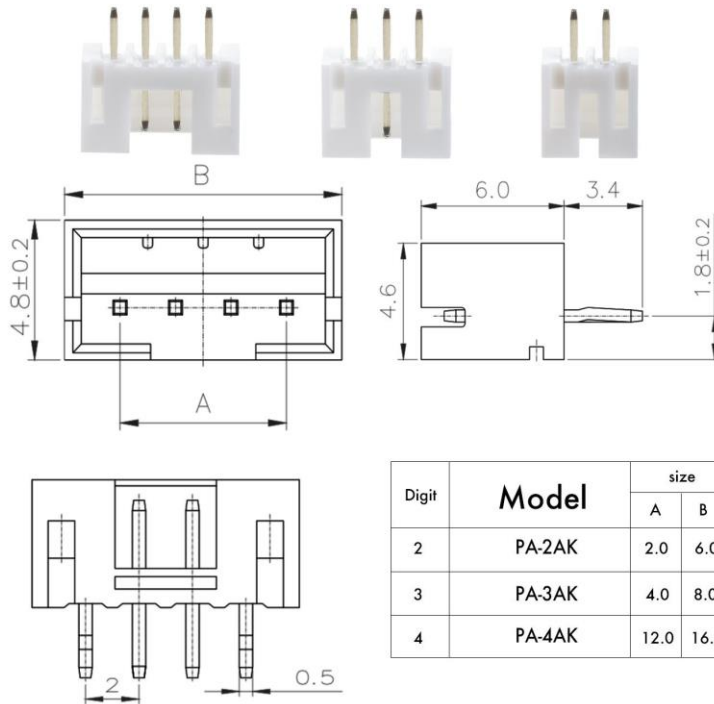
x 50pcs  
Connector Plug Female - 2Pin

### JST PHR 2.0mm Connector Plug Female

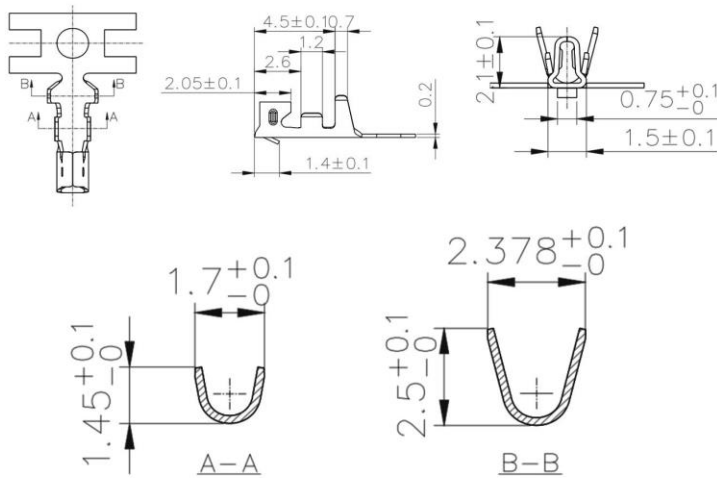


**JST Crimps DIP**  
2.0mm  
Crimps DIP  
450 PCS

## JST-2.0 (2P-4P)

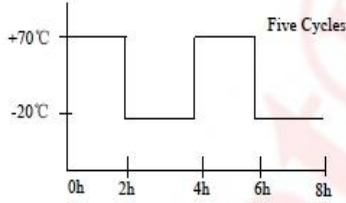


## JST-2.0 Crimps DIP



ITEM	TEST CONDITIONS	PERFORMANCE
1. ELECTRICAL PERFORMANCE		
1.1. VOLTAGE RATING	50V AC/DC 50Hz (RMS)	
1.2. CURRENT RATING	0.5A AC/DC	
1A	CONTACT RESISTANCE BEING MEASURED AT 1K Hz $\pm$ 200Hz AT NO LOAD	0.02 $\Omega$ Max.  0.02 Max.
1B	INSULATION RESISTANCE APPLY DC 500V BETWEEN ANY TWO OPEN TERMINALS AND BETWEEN THE TERMINAL AND THE FRAME FOR 30 SECOND	1000M $\Omega$ Min.  1000M $\Omega$ Min.
1C	WITHSTAND VOLTAGE APPLY 500V AC(RMS) BETWEEN ANY OPEN TERMINALS AND BETWEEN THE TERMINAL & THE FRAME, FOR 60 SECOND	SHALL BE FREE FROM DIELECTIC BREAKAGE
2. MECHANICAL PERFORMANCE		
2A	TERMINAL STRENGTH A STATIC FORCE OF 5N BEING APPLIED IN ONE DIRECTION ON THE TIP OF THE TERMINAL FOR 30 SECOND	THE TERMINAL MAY BE DEFORMED, BUT SHALL NOT SUSTAIN ANY TROUBLE AS DEVIATION AND BREAKING OF INSULATION MATERIAL ELECTRICAL PERFORMANCE OF THE ABOVE ITEM 4 SHALL BE ASSURED

ITEM	TEST CONDITIONS	PERFORMANCE
3. DURABILITY		
3A	LIFE TEST AT THE CONDITIONS OF 250V DC 3A , 50,000 CYCLES OPERATING AT A RATE OF 15-20 CYCLES PER MINUTE	(1)CONTACT RESISTANCE 0.03 $\Omega$ Max.  (2)INSULATION RESISTANCE 500M $\Omega$ Min.  (3)WITHSTAND VOLTAGE 500VAC FOR 1 MINUTE  (4)OPERATING FORCE $\pm$ 30% INITIAL VALUE  (5)THERE SHALL BE NO DEFECTS IN APPEARANCE OR IN THE MECHANICAL FUNCTIONS
3B	HEAT TEST 70 $\pm$ 2 $^{\circ}$ C FOR 16 HOURS, AFTER TEST KEPT IN NORMAL CONDITION FOR 60 MINUTES	WITHOUT HARMFUL DAMAGE IN APPEARANCE, MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED
3C	HUMIDITY TEST 40 $\pm$ 2 $^{\circ}$ C .90-95%(RH) FOR 96 HOURS, AFTER TEST KEPT IN NORMAL CONDITION FOR 60 MINUTES	CONTACT RESISTANCE 0.02 $\Omega$ Max.
3D	COLD TEST -20 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C FOR 4 HOURS, AFTER TEST KEPT IN NORMAL CONDITION FOR 60 MINUTES	INSULATION RESISTANCE 1000M $\Omega$ Min.

ITEM	TEST CONDITIONS	PERFORMANCE		
3. DURABILITY				
3E	TEMPERATURE-CYCLING TEST	<p>(TEMPERATURE)</p>  <p>THE CONNECTOR SHALL BE SUBJECTED TO CONDITIONS AS SHOWN IN UP, AND SHALL RETURNED AND ALLOWED TO REMAIN IN AMBIENT CONDITION FOR 2 HOURS</p>	<p>1. THE CONNECTOR SHALL BE SATISFIED WITH ITEM 1C AND ITEM 2A;</p> <p>2. INSULATION RESISTANCE: 500MΩ Min.</p> <p>3. CONTACT RESISTANCE: 0.03 Ω Min.</p>	
3F	SALT MIST TEST	<p>TESTING BATH:</p> <p>1、TEMPERATURE: <math>35 \pm 2^{\circ}\text{C}</math>;</p> <p>2、SALT WATER DEEPNESS: <math>5 \pm 1\%</math>;</p> <p>3、TEST TIME: <math>48 \pm 4</math> HOURS;</p>	APPEARANCE	NO DAMAGE
			CONTACT RESISTANCE	0.05 Ω Max.
3G	SOLDERABILITY TEST	THE TIP OF THE TERMINALS SHALL BE DIPPED 2mm IN THE SOLDER BATH AT A TEMPERATURE OF $235 \pm 5^{\circ}\text{C}$ FOR 50.5 SECONDS	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 90% OF THE SURFACE BEING IMMersed	
3H	RESISTANCE TO SOLDERING HEAT TEST	THE TIP OF THE TERMINALS SHALL BE DIPPED 2mm IN THE SOLDER BATH AT A TEMPERATURE OF $260 \pm 5^{\circ}\text{C}$ , FOR $4 \pm 1$ SECONDS	WITHOUT HARMFUL DAMAGE IN APPEARANCE, MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED	

ITEM	TEST CONDITIONS	PERFORMANCE
3. DURABILITY		
3I	VIBRATION  TOTAL AMPLITUDE: 2mm SWEEP RATIO: 40Hz THE ABOVE CONDITIONS SHALL BE APPLIDE FOR A PERIOD OF 5 MINUTES IN EACH OF 3 MUTUALLY PERPENDICULAR AXIS	CONTACT RESISTANCE : 0.02 $\Omega$ Max.
3J	SHOCK  THE SHOCK OF 100G SHOCK BE APPLIED 1000 TIMES IN EACH OF 3 MUTUALLY PERPENDICULAR AXIS	CONTACT RESISTANCE : 0.02 $\Omega$ Max
3K	PRACTICAL TEMPERATURE  -25 °C TO +85°C	