

RECOMMENDED PCB LAYOUT

#### Performance characteristics:

##### 1. Main body part material

Insulator: PBT Gray UL94V-0

Contact terminal: Phosphor bronze, 1.27mm Ni under plated, outer plating see part number rule

##### 2. Electrical requirements:

Current rating: 1.5 A (at 20°C); 1.0 A (at 70°C)

Contact resistance:  $\leq 20 \text{ m}\Omega$

Insulation resistance:  $> 10000 \text{ M}\Omega$

Withstanding voltage: 750 Vr.m.s, 1mA, 60s

##### 3. Environment specification

Working temperature:  $-55^\circ\text{C} \sim +125^\circ\text{C}$

##### 4. Applicable standard: TBC61076-4-101

##### 5. Packing & storing

Method of packing: box, inner box, outer box

Storing condition: temperature of  $-10^\circ\text{C} \sim +40^\circ\text{C}$

below 80% relative humidity

##### 6. Style of installation: press-fit pcb Installation

##### 7. To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS.

1702-XXX-X-X-X

Series code		Contact Type		Spec code		Plating code		Insulator material & color	
XXX See attached table		XXX See attached table		Code	Definition	Code	Definition	Code	Definition
				3	press fit/without peg/shielded	7	Au 0.38 $\mu\text{m}$	A	PBT Gray UL94V-0
				4	press fit/without peg/non-shielded	8	Au 0.76 $\mu\text{m}$		

Unless otherwise specified tolerance:



X.	$\pm 0.50$	X°	$\pm 3^\circ$
.X	$\pm 0.38$	.X°	$\pm 2^\circ$
.XX	$\pm 0.25$		



Mark	NO.	File NO.	Signature	Date
DRAW		LAWRENCE		2012.02.22
CHK				
MAN				
STD				
APP				

HM2mm Straight Male  
Press fit Connector  
Type B19

1702-XXX-XX-X

SL0. 1702. 001

Projection	Rev.	Weight	Scale
	A0		
All Dimensions in mm		Sheet 1 of 2	
 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			

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APP						 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			