



- Performance characteristics:
- Main body part material  
Insulator: high temperature thermoplastic, UL94V-0 Black,  
Contact terminal: Copper Alloy, 1.27μm Min. Ni under plated,  
Contact Area plating See part number rule, solder tail plated 2.54μm Min. Sn.
  - Electrical requirements:  
Voltage: 12V  
Current rating: 12/27/41/51/58 PIN 1A Min Other PIN 0.5A Min  
Contact resistance: ≤55mΩ  
Insulation resistance: ≥500 MΩ  
Withstanding voltage: 500 Vr.m.s, 1mA, 60s
  - Mechanical requirements  
Mating force: 40N Max.  
Unmating force: 6.8N Min.  
Contact retention force: 0.3N Min  
Mechanical life: 250 cycles
  - Environment specification  
Working temperature: -55°C ~ +105°C
  - Packing & storing  
Method of packing: Tube, outer box  
Storing condition: temperature of -55°C ~ +125°C  
below 80% relative humidity
  - Style of installation: SMT Uolder PCB installation.
  - To prevent the pollution of the environment product info  
RoHS agreement: In line with the European Union RoHS.

Part number rule:

Part NO.	Contact Area plating
1650-682-16-3	Au 0.25μm Min.
1650-682-18-3	Au 0.76μm Min.

RECOMMENDED PWB FOOTPRINT LAYOUT  
(COMPONENT SIDE VIEW) TOLERANCE: ±0.05  
PCB Thickness: 1.60mm Min.

Unless otherwise specified tolerance:

.X	±0.50	.X°	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

(C)	1	568666	An. Cheng	2022.04.26
(B)	3	565232	An. Cheng	2022.03.16
(A)	1	551283	An. Cheng	2021.12.16
Mark	NO.	File NO.	Signature	Date
DRAW		An. Cheng 2021-11-01		
CHK		Tim 2022.06.02		
MAN				
STD		Juanli lai 2022.06.02		
APP		Alan 2022.06.02		

2x34 POS.PCMCIA  
RECEPTACLE ASSEMBLY  
1650-682-1X-X

SLO. 1650. 001			
Projection	Rev.	Weight	Scale
	A3		
All Dimensions in mm		Sheet 1 of 1	
SHINNING SHENZHEN SHINNING ELECTRONIC CO. LTD.			