



Pin Hole Layout  
(Jack Bottom View)

NOTES:

1. CONTACT RESISTANCE (DCR 0.1 A)
  - I. INITIAL, BEFORE TEST
    - (1) PIN TO CONTACT OR (NC) : 30 MILLIOHM.
    - (2) PLUG SHIELD TO SOCKET OR (NC) : 50 MILLIOHM.
  - II. AFTER TEST WITH MATING PLUG
    - (1) PIN TO CONTACT OR (NC) : 60 MILLIOHM.
    - (2) PLUG SHIELD TO SOCKET OR (NC) : 100 MILLIOHM.
2. INSERTION FORCE : 0.5kg~4.5kg, EXTRACTION FORCE : 0.4kg~3.5kg.
3. TERMINALS MUST WITHSTAND A 500G MINIMUM PULL FOR 10 SECONDS BEFORE MOVEMENT OR BREAK FORM HOUSING OCCURS.
4. SOLDERING HEAT : TERMINAL FOR PC BOARD TEMPERATURE : 260±5 DEGREE C FOR 5±1.0 SECONDS.
5. OPERATING TEMPERATURE RANGE : (-25 TO +70) DEGREE C±2 DEGREE C.
6. INSULATION RESISTANCE : MORE THAN 100 MEGOHM BY 500V DC AT 90~95% RH, 40 DEGREE C.
7. VOLTAGE TEST : WITHSTAND 0.5mA 500V AC BETWEEN ANY OPEN TERMINAL FOR ONE MINUTE.
8. LIFE TEST: WITHSTAND MORE THAN 5,000 BY 500V CYCLES INSERTION AND WITHDRAWAL WITH TESTING PLUG.
9. RATED VOLTAGE & CURRENT : DC 12V, 20mA~2.0A.

5.	Cover	0.4T Steel	1	Nickel Plated
4.	Base	PBT	1	Black Color
3.	Body	PBT	1	Black Color
2.	Contact	0.4T Brass	4	Silver Plated
1.	Inner Shield	0.4T Phosphor Bronze	1	Nickel Plated
NO.	Description	Material	Q'TY	Finish

SPECIFICATIONS:

Contact Resistance	: 30mΩ max
Insulation Resistance	: 100MΩ min. at DC 500V
Dielectric Withstand Voltage	: AC 500V for one minute

Remark: ▲: The Most Important Dimension

RoHS Compliant

	DATE	DWN	CHKD	APVD	MANAGER
	10.19.2011	韩沙			

PART NAME : MINI DIN JACK	VERSION:3.0
TOLERANCE :±0.3mm UNLESS OTHERWISE SPECIFIED	UNIT:mm  SCALE:1/1

**SHOGYO INTERNATIONAL CORP.**  
#SCN552S4NS00000G