



Pin Hole Layout
(Jack Bottom View)

- NOTES:
- CONTACT RESISTANCE (DCR 0.1 A)
 - INITIAL, BEFORE TEST
 - PIN TO CONTACT OR (NC) : 30 MILLIOHM.
 - PLUG SHIELD TO SOCKET OR (NC) : 50 MILLIOHM.
 - AFTER TEST WITH MATING PLUG
 - PIN TO CONTACT OR (NC) : 60 MILLIOHM.
 - PLUG SHIELD TO SOCKET OR (NC) : 100 MILLIOHM.
 - INSERTION FORCE : 0.5kg~4.5kg, EXTRACTION FORCE : 0.4kg~3.5kg.
 - TERMINALS MUST WITHSTAND A 500G MINIMUM PULL FOR 10 SECONDS BEFORE MOVEMENT OR BREAK FORM HOUSING OCCURS.
 - SOLDERING HEAT : TERMINAL FOR PC BOARD TEMPERATURE : 260 ± 5 DEGREE C FOR 5 ± 1.0 SECONDS.
 - OPERATING TEMPERATURE RANGE : (-25 TO +70) DEGREE C ± 2 DEGREE C.
 - INSULATION RESISTANCE : MORE THAN 100 MEGOHM BY 500V DC AT 90~95% RH, 40 DEGREE C.
 - VOLTAGE TEST : WITHSTAND 0.5mA 500V AC BETWEEN ANY OPEN TERMINAL FOR ONE MINUTE.
 - LIFE TEST: WITHSTAND MORE THAN 5,000 BY 500V CYCLES INSERTION AND WITHDRAWAL WITH TESTING PLUG.
 - 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	3	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 : ± 0.3 mm UNLESS OTHERWISE SPECIFIED			UNIT:mm		SCALE:1/1	

SHOGYO INTERNATIONAL CORP.

#SCN552S3NS00000G