



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

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

	DATE	DWN	CHKD	APVD	MANAGER
	10.19.2011	韩沙			

PART NAME : MINI DIN JACK	VERSION:4.0
TOLERANCE: ± 0.3 mm UNLESS OTHERWISE SPECIFIED	UNIT:mm SCALE:1/1

SPECIFICATIONS:

Contact Resistance : $30m\Omega$ max
 Insulation Resistance : $100M\Omega$ min.at DC500V
 Dielectric Withstand Voltage: AC 500V for one minute
 Remark: Δ : The Most Important Dimension

RoHS
Compliant

SHOGYO INTERNATIONAL CORP.

#SCN550S3NS00000G