

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A1			New Release	12/06'17	Jack

**ORDERING INFORMATION**

**PW48MC- VD 03**

① ② ③

① **PRODUCT SERIES**

Pogo connector -  
Pitch 2.54mm / Slime Male.

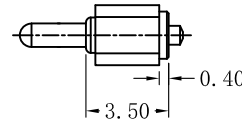
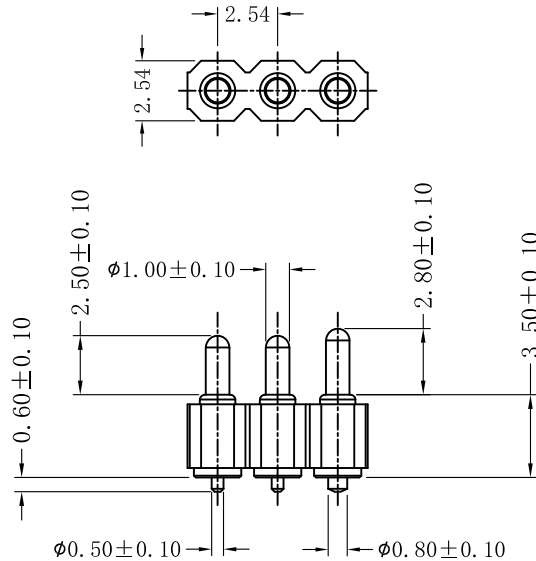
**CUSTOMER DRAWING**

**RoHS Compliant**

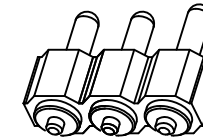
③ **PIN NO. :**  
03PIN.

② **SPEC NOTES:**

Straight DIP type.



**3D VIEW**



**NOTES:**

**1.MATERIAL:**

Insulator: High Temperature Thermoplastic,  
UL 94V-0.

Contact: Copper Alloy.

**2.PLATING:**

Contact: Plated 50u'' Ni over all;  
Plated 20u''Au flash over all.

**3.Electrical:**

Current Rating :3.0A AC/DC max.

Voltage Rating :12V AC/DC.

Ambient Temperature Range :-20°C~+60°C.

Ambient Humidity Range :95% R.H. Max.

Contact Resistance: 30m Ω max.

Insulation Resistance:1,000MΩ min/500VDC.

**4.Mechanical:**

Contact force:70g+/-20g at 1.0mm working stroke.

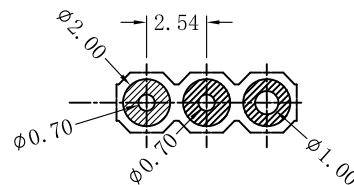
Full stroke:1.40mm.

Durability: 20,000 cycles.

**5.Standard tolerances are:**

Diameters:+/-0.05mm.

Lengths:+/-0.15mm.



Recommended PCB Layout  
Layout tolerance: ±0.05mm

DIM	TOL	DIM	TOL
X.X	±0.30	X.X'	±3.0'
X.XX	±0.20	X.XX'	±2.0'
X.XXX	±0.10	X.XXX'	±1.0'

SUNFUN		SUNFUN TECHNOLOGY LTD			
DRAW NO.	PW48MC-VD03(A1)	DATE	MATERIAL:	SEE NOTES	DRAW NAME:
DESIGN:	Jack	12/06'17	FINISH:	SEE NOTES	<b>POGO PIN CONN - MALE(SLIM) PITCH 2.54/ STR DIP TYPE</b>
CHECK:	Jack	12/06'17	FILE:	PW48MC-VD03(A1)	MODEL: POGO PIN CONN
REVIEW:	Rui	12/06'17	P/N:	PW48MC-VD03	UNIT: mm
APPROVED	Rui	12/06'17	REV. A1	SCALE	SHEET: 1/1