

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A1			Update some details	08/22'25	Davis

ORDERING INFORMATION

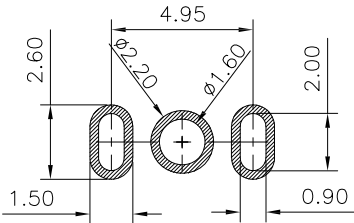
PD1175M - 01V000 G 05

① ② ③ ④

- ① **PRODUCT SERIES**
Pogo connector – Male type.
- ② **SPEC NOTES:**
1Pin/5.80mm Height/Vertical

CUSTOMER DRAWING
RoHS Compliant

- ③ **PLATING MATERIAL:**
G: Gold(Au).
- ④ **PLATING THICKNESS:**
05: 5u”



Recommended pcb layout
General tolerance:±0.05mm

NOTES:

- (1)Material:
- Plunger: Copper Alloy.
 - Barrel: Copper Alloy.
 - Spring: Stainless Steel.
 - Housing: High Temperature Thermoplastic, UL 94V-0.
 - Magnets: NdFeB Magnet
 - Copper cap insert: Copper Alloy
- (2)Plating:
- Plunger: 5u” Gold plated over Nickel under-plated over all.
 - Barrel: 5u” Gold plated over Nickel under-plated over all.
- (3)Mechanical:
- Working Height: 5.80mm.
 - Spring force: 60g±20% at working height.
 - Durability :10,000 cycles Min.
- (4)Electrical:
- Current Rating :5.0A AC/DC max.
 - Voltage Rating :16V AC/DC max.
 - Contact Resistance: 50mΩmax.

SUNFUN			SUNFUN TECHNOLOGY LTD		
DRAW NO.	PD1175M(A1)	DATE	MATERIAL: SEE NOTES	DRAW NAME:	
DESIGN:	Davis	08/22'25	FINISH: SEE NOTES	POGO PIN CONN – MALE/Vertical	
CHECK:	Davis	08/22'25	FILE: PD1175M(A1)	1PIN/ 5.80mm Height	
REVIEW:	Wilson	08/22'25	P/N: PD1175M-01V000G05	MODEL: POGO-PIN CONN	
APPROVED	Wilson	08/22'25	REV. A1	SCALE	UNIT: mm
					SHEET: 1/1

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'

