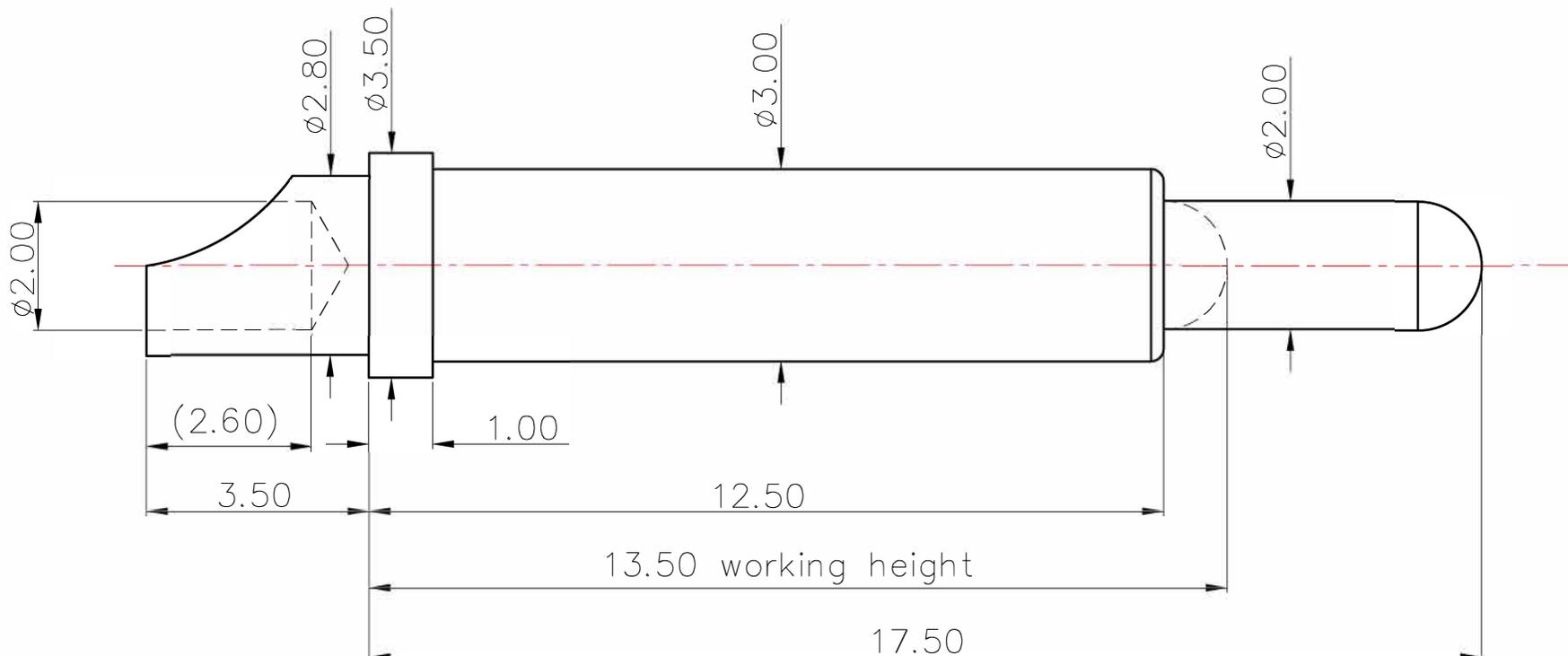


Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	C3604	AU 1.27 μm Min. OVER 1.25 μm Ni
2	Barrel	1	C3604	AU 0.75 μm Min. OVER 1.25 μm Ni
3	Ball	1	Insulation ball	φ2.00~2.15mm
4	Spring	1	SUS304	Not Plated



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 10A Max.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 5.0 mm
 - .Working Store: 4.00 mm
 - .Spring Force: 100gf±20gf at Working Height
 - .Durability: 50,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -25°C~+85°C
 - .Humidity Range: 10%RH~90%RH
 - .Salt Spray: 48 Hours
- Part To Be Free Form Manufacturing Lubricants.
- When the current is greater than 1A then need to increase the time delay circuit(3 second)
- To avoid arcing issue, The adaptor start to power supply after connector mated fully.
- To ensure the best usage, please operate it based on the working height.
- .RoHs&HF compliant product.

K638-1130A
Z638-0150A
T638-1A

VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	Ant	DATE	2017.03.31				Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER.	B.0			
APPROVED		TITLE	pogo pin			Ang:	Dim:	
PROJECT		DRAWING NO.	C638-01A			0 ±1°	0 ±0.15	
SHEET	1 of 1	UNIT	mm			.0 ±0.5°	.0 ±0.10	
						.00 ±0.25°	.00 ±0.05	