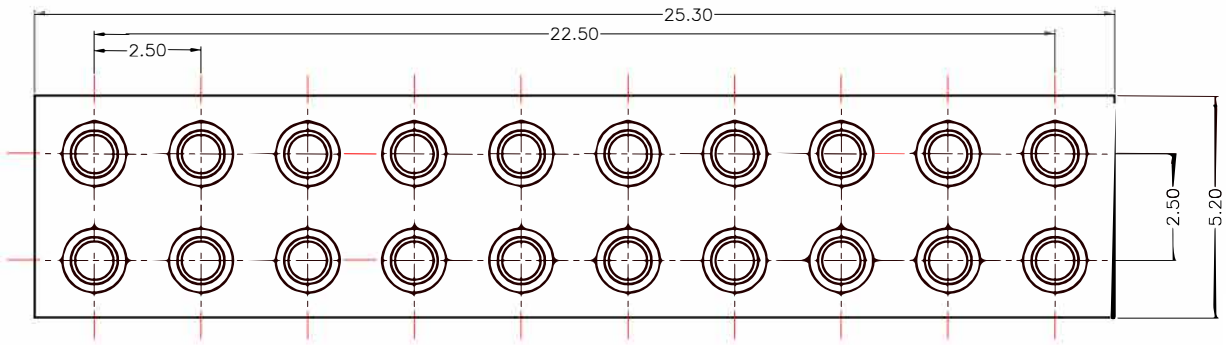
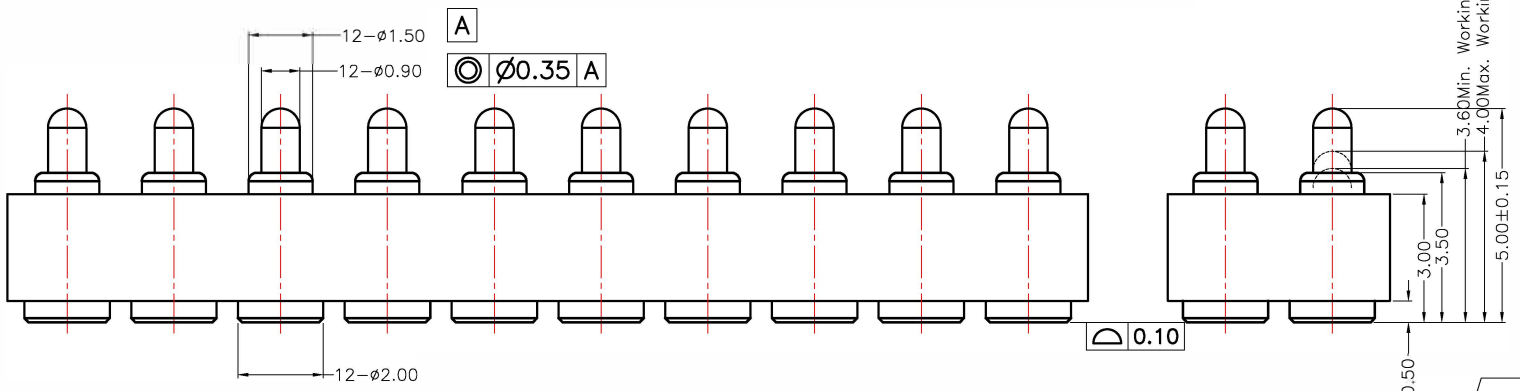
Please Approve this Drawing	
Date	
Signature	

NO.	Part Nome	Q'TY	Material	Plated surface
1	Plunger	20	C3604	Au 16u" Min. Over 50~100u" Ni
2	Barrel	20	C3604	Au 4u" Min. Over 50~100u" Ni
3	Spring	20	SUS 304	N/A
4	Housing	1	HTN	Black,UL94V-0
5	Cap	1	LCP	N/A

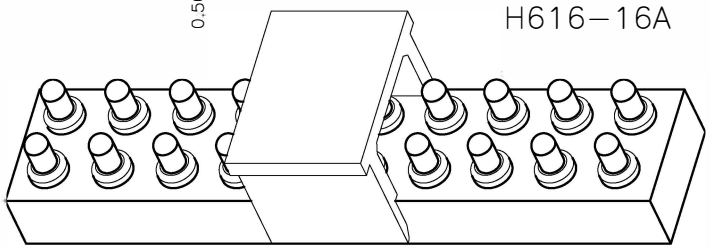


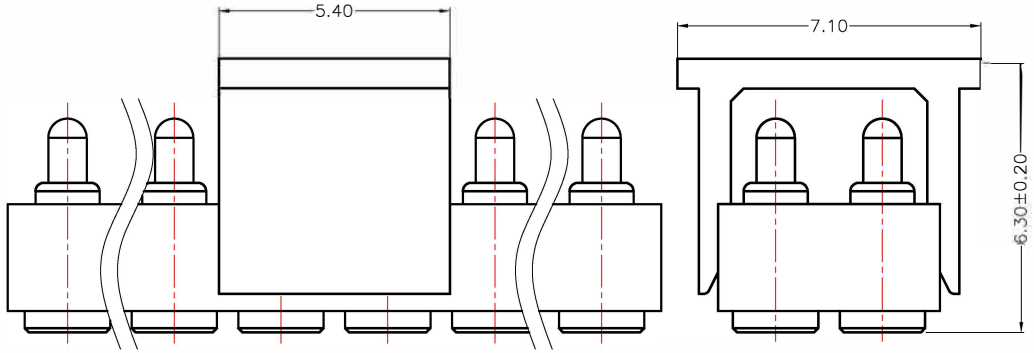


NOTES:

1. Electrical
   .Rated Current & Voltage : DC 12 V ; 2.5A
   .Contact Resistance:30 mohm maximum at Working Height(Quiescence)
   .Insulation Resistance: 500MΩ Min. at 500VDC/Minute
   .Dielectric Withstanding Voltage: At 500VAC/Minute No Breakdown
2. Mechanical
   .Spring Force : 80gf Min. at Max. Working Height
   180gf Max. at Min. Working Height
   .Durability:10,000 cycles(minimum)
   .Contact Retention Force:300gf/PIN Min.
3. Environmental
   .Operating Temperature: -25°C~+85°C
   .Humidity Range: 10%RH~90%RH
   .Salt Spray: 48 Hours
4. Part To Be Free Form Manufacturing Lubricants.
5. When the current is greater than 1A then need to increase the time delay circuit(3 second)
6. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
7. To ensure the best usage,please operate it based on the working height.
8. RoHs&HF compliant product.
9. SMT Temperature: 265°C±5°, 2±0.5S
   Soldering Temperature: 280°C±5°, 10±1S

K501-0104A
Z501-0116A
T501-1A
H511-06B
H616-16A





DRAWN	Roy.wei	DATE	2017.04.20
CHECKED		SCALE	10:1 VER. B.0
APPROVED		TITLE	20pos-pogo pin connector
PROJECT		DRAWING NO.	C652-20R
SHEET	1 of 1	UNIT	mm

Dongguan Promax Electronics Technology Co., Ltd

Ang:		Dim:	
0	±1°	0	±0.15
.0	±0.5°	.0	±0.10
.00	±0.25°	.00	±0.05

VER.	DESCRIPTION	ECN NO.	DATE