

Please Approve this Drawing

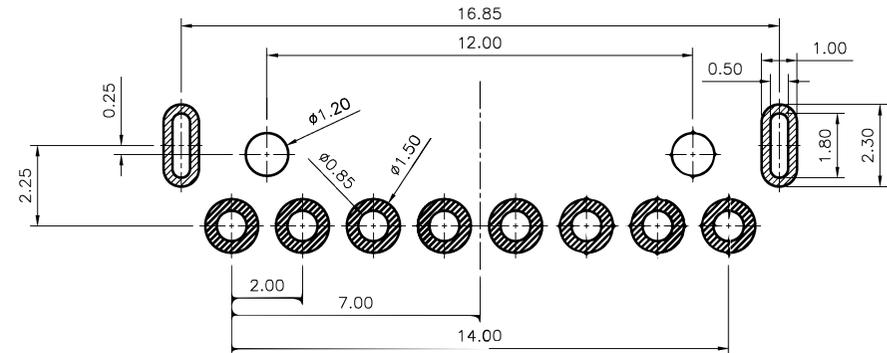
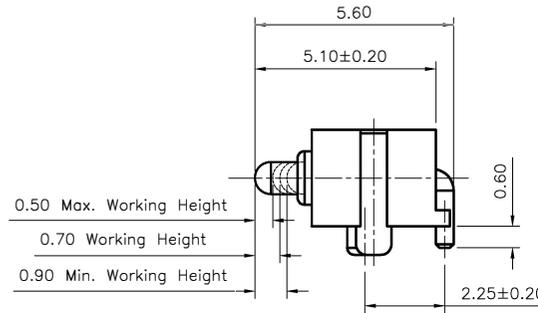
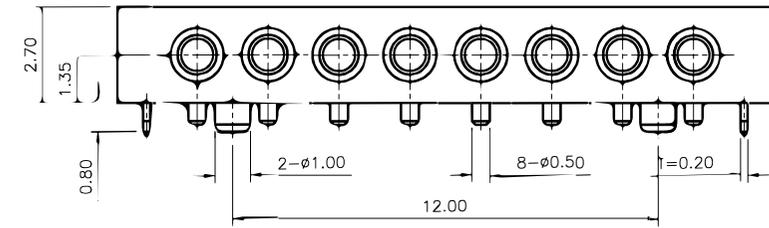
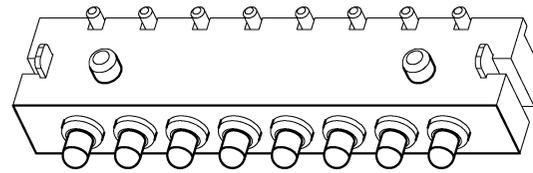
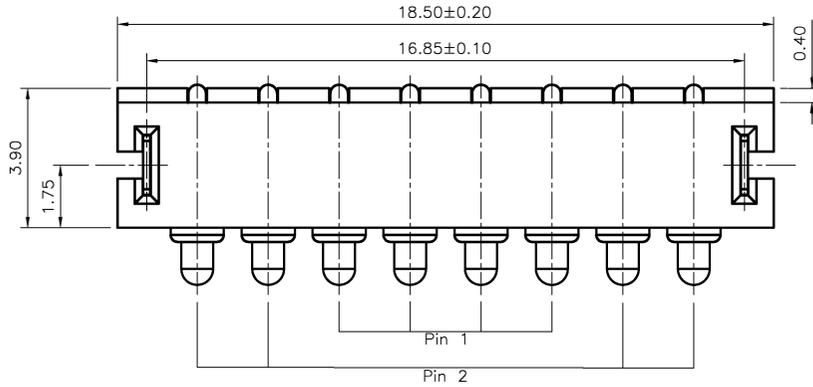
Date \_\_\_\_\_

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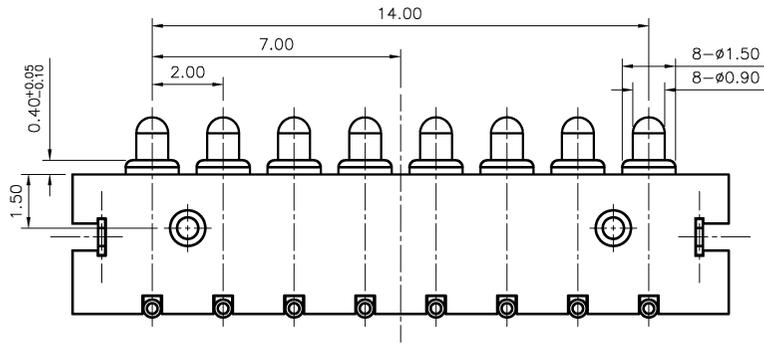
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	8	C3604	Au 16u" Min. Over 50~100u" Ni
2	Barrel	8	C3604	Au 4u" Min. Over 50~100u" Ni (Pin2: Au 16u" Min.)
3	Spring	8	SUS 304	N/A
4	Housing	1	HTN	Black,UL94V-0
5	Latch	1	SPEC	Sn 80u" Min. Over 50u" Ni. Min

NOTES:

- Electrical
  - .Rated Current & Voltage : DC 36 V ;
  - .P1:2.0 A, Pin 2: 5A
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
  - .Insulation Resistance: 500MΩ Min. at 500VDC/Minute
  - .Dielectric Withstanding Voltage: At 500VAC/Minute No Breakdown
- Mechanical
  - .Spring Force : 90gf±20gf at Working Height
  - .Durability:10,000 cycles(minimum)
  - .Contact Retention Force:300gf/PIN Min.
- 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.
- SMT Temperature: 265°C±5°, 2±0.5S
- Soldering Temperature: 280°C±5°, 10±1S



Recommended P.C.B Layout



plunger Z435-0116A

DRAWN	Roy.wei	DATE	2016.09.28			 Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER.	B.0	
APPROVED		TITLE	pogo pin connector.			Ang:
PROJECT		DRAWING NO.	C519-08R			0 ±1°
SHEET	1 of 1	UNIT	mm			.0 ±0.5°
						.00 ±0.25°
						0 ±0.15
						.0 ±0.10
						.00 ±0.05

VER.	DESCRIPTION	ECN NO.	DATE