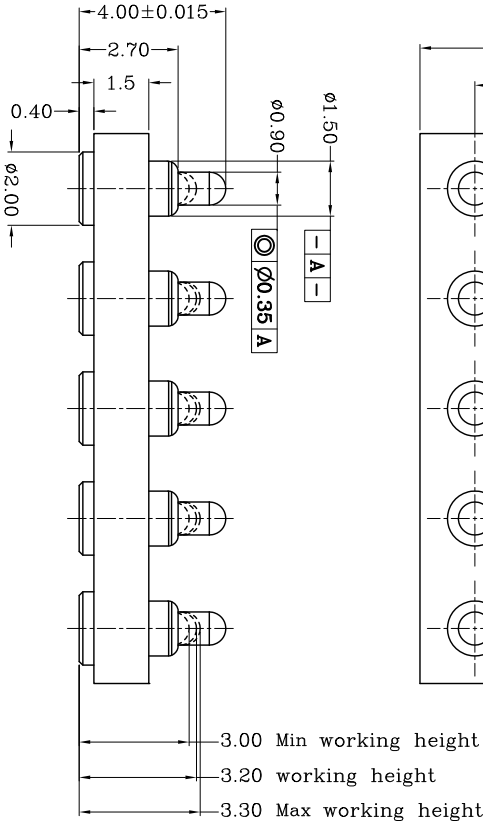
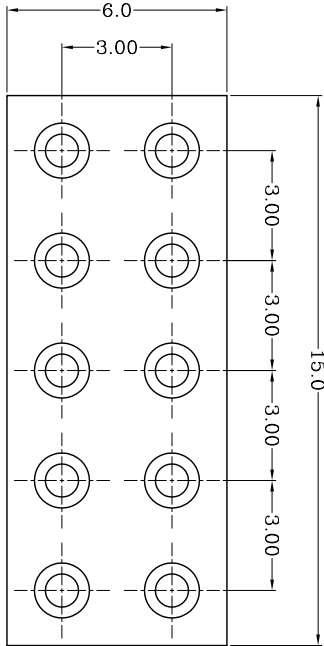
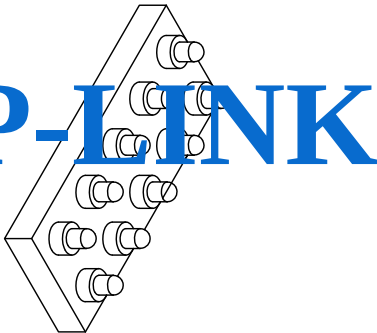
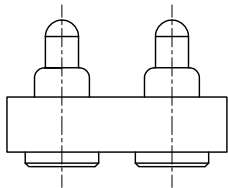


RECOMMEND PCB LAYOUT(TOP VIEW)
Layout Tolerance: ± 0.05mm

Item	Revision record	Date
A	New Release	2018.10.31



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- Notes:
- 1 Dimensions shall be interpreted per ASME Y14.5M
 - 2 Mechanical performance(See the table 1)
 - <2.1>The force is the average of forces obtained when plunger goes downwards and upwards
 - <2.2>Warning:Working height are not permitted to be less than Min working height
 - 3 Electrical performance
 - <3.1>Current rating: 2.0A
 - <3.2>Voltage rating: 36VAC/DC
 - <3.3>Dynamic Resistance:30mOhm Max (between max and min working height)
 - <3.4>Insulation Resistance:100MOhm minimum
 - 4 Environmental performance
 - <4.1> RoHS compliant
 - <4.2>Operating Temperature range:-40°C~+85°C
 - <4.3>Withstanding High Temperature:260°C/10Sec
 - 5 Packaging:Carrier tape

Table 1:Mechanical performance		
Working Height	3.20mm	85gf Min
Durability	10000 Cycles Min.	

Item	Part Name	Q'TY	Material	Finish
4	Body	10pcs	Leaded Brass	Au 0.1um min plated over 1.4um min Ni
3	Plunger	10pcs	Leaded Brass	Au 0.4um min plated over 1.4um min Ni
2	Spring	10pcs	Stainless steel wire	-----
1	Housing	1pcs	High temp.Plastic; UL94 V-0 Color Black	-----

Top-Link Electronics Ltd.		Type		Unit	
TOLERANCES UNLESS OTHER SPECIFIED		Customer drawing		mm	
0.0 = ± 0.15		DRW: Caiwanlu		APRD:	
0.00 = ± 0.10		CHK:		REL:	
0.000 = ± 0.05		Name		Pogo Pin Connector	
Angle: #1°		Scale		1:1	
SURF. TEXTURE: REMOVE BURRS.		Size		A4	
BREAK SHARP EDGES R0.05 MAXDO NOT SCALE PRINT.		Part NO.		100599-10	
		Page		1/1	
		Rev:		A	

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