

	DWN No.: C-100130
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Technical drawing of a 3D printed part, showing top and side views with dimensions and tolerances.

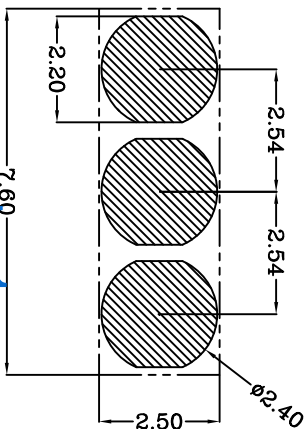
Top View Dimensions:

- Overall width: 7.6
- Overall length: 5.0
- Distance between top and middle holes: 2.54
- Distance between middle and bottom holes: 2.54
- Distance from left edge to hole center: 2.00
- Distance from right edge to hole center: 2.5

Side View Dimensions:

- Overall height: 4.20 (Max Working height)
- Overall width: 3.80 (Min Working height)
- Top flange thickness: 0.50
- Top flange outer diameter: $\varnothing 2.00$
- Top flange inner diameter: $\varnothing 0.9$
- Top flange hole diameter: $\varnothing 0.35$ (Tolerance: $\pm A$)
- Top flange hole position: $\pm A$
- Top flange hole diameter: $\varnothing 1.5$
- Top flange hole position: $\pm A$
- Top flange hole diameter: $\varnothing 0.9$
- Top flange hole position: $\pm A$

Recommended solder paste thickness is 0.10 mm



Item	Part name	Qty/Ea	Material	Finish
1	HSG	1	High temp. Plastic UL94 V-0 Color Black	_____
2	Body	3	Leaded Brass	Gold plating over Nickel plating
3	Plunger	3	Leaded Brass	Gold plating over Nickel plating
4	Spring	3	Stainless steel wire	_____
5	CAP	1	High temp. Plastic UL94 V-0 Color Black	_____

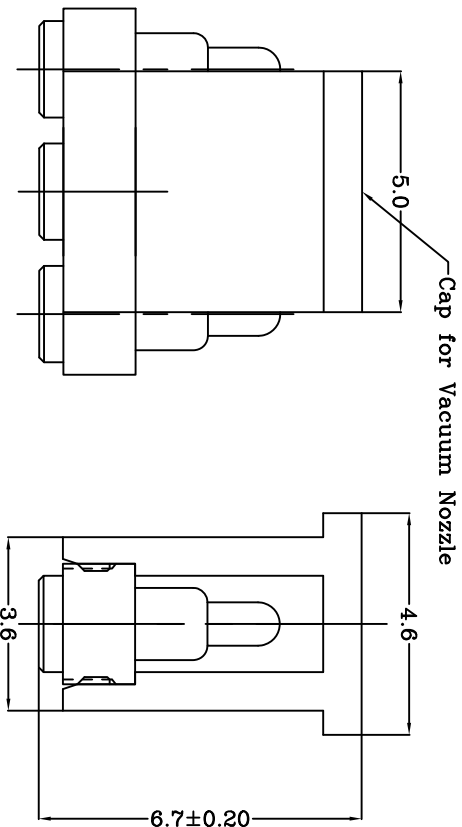
Table 1 Mechanical performance

Max. working height	4.20mm	45±10gf <2.1>
Min. working height	3.80mm	60±15gf
Durability	10000cycle	

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 30mOhm Max.Current rating: 2.0A
- 4 Packaging Spec.Comformance to EIA 481
- 5 RoHS compliant.

TOP-LINK



Top-Link Electronics Ltd.	Type	Customer drawing	Unit	mm	Weight
TOLERANCES UNLESS OTHER SPECIFIED	DMW:	APVD:	<div> <div> <div>Top-Link</div> <div>Electronics</div> </div> <div> <div>Top-Link</div> <div>Electronics Ltd.</div> </div> </div>		
0.0 = ± 0.15	Col	woulu			
0.00 = ± 0.10	CHK:	REL:			
0.000 = ±	Name Customer drawing				
Angle: 41°					
SURF TEXTURE: REMOVE BURRS.					
BREAK SHARP EDGES R0.05 MAX.D0 NOT SCALE PRINT.	Scale	Size	DMW No.	Page	Rev.
	1:1	A4	C-100130	1/1	E.1