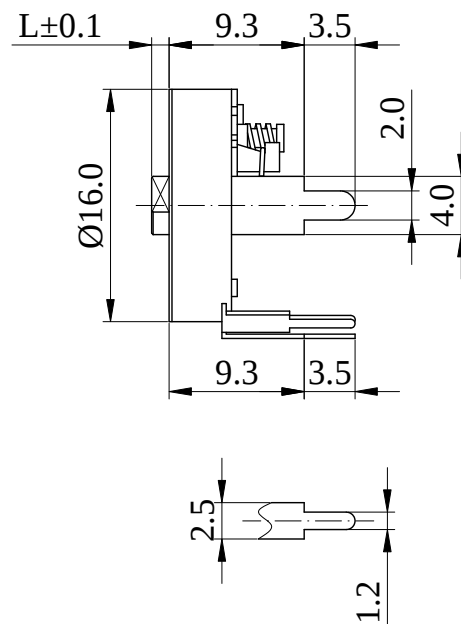




ISO 9001 國際品質認證
ISO 9001 CERTIFICATE

松暉電機工業股份有限公司
SONG HUEI ELECTRIC CO., LTD.
佛山市松暉電機科技有限公司
FOSHAN SONG HUEI ELECTRIC CO., LTD.

一般事項 General	
使用溫度範圍 Operating temperature	-10 °C ~ +70 °C
手工焊接 Manual soldering	300 °C max 3 sec
電氣特性 Electrical Characteristics	
總阻值 (R) Total resistance	500 Ω ~ 500 KΩ
總阻值容許誤差 Total resistance tolerance	± 20 %
阻值線性 Resistance taper	☐ A ☐ B ☐ C ☐ D
摺動雜音 Sliding noise	Less than 100 mV
殘留阻值 Residual resistance	Less than 10 Ω
開關接觸電阻 Switch contact resistance	Less than 50 mΩ
定格電力 Rated power (W)	Linear (B) taper: 0.1 W Other tapers: 0.05 W
開關定格電力 Switch rated power	1 A at DC 12 V
額定電壓 Rated voltage (V)	$E = \sqrt{P * R}$ E: Rated voltage 額定電壓 (V) P: Power rating 額定電力 (W) R: Nominal total resistance 公稱全阻抗值 (Ω) 當額定電壓超過最高使用電壓的時候，最高使用電壓即為額定電壓。 When the rated voltage exceeds the maximum operating voltage, the maximum operating voltage shall be the rated voltage.
最高使用電壓 Max operating voltage	Linear (B) taper: AC 200 V Other tapers: AC 150 V
絕緣阻抗 Insulation resistance	More than 50 MΩ at DC 500 V
耐電壓 Withstand voltage	1 minute at AC 500 V
機械特性 Mechanical Characteristics	
全回轉角度 Total rotational angle	260 ° ± 10 ° (開關角度 Switch angle: 40 ° ± 5 °)
全回扭力 Rotational torque	20 ~ 150 gf.cm
開關扭力 Switch action	50 ~ 250 gf.cm
全回轉止強度 Rotational stopper strength	2 Kgf.cm max
軸推拉強度 Shaft push-pull strength	1 Kgf max
回轉壽命 Rotational life	10,000 cycles (開關壽命 Switch life: 10,000 cycles)



Technical drawing of a mechanical part (Fig. 1.10) showing a front view. The part is symmetrical about a vertical centerline. The overall width is 17.0. The height of the main body is 8.0, and the height of the lower section is 9.0. The lower section features two angled slots, each with a 30° angle. The drawing includes various circular features, likely holes or mounting points, and a central vertical slot.

Technical drawing of a mechanical part (Fig. 1.10) showing dimensions and features:

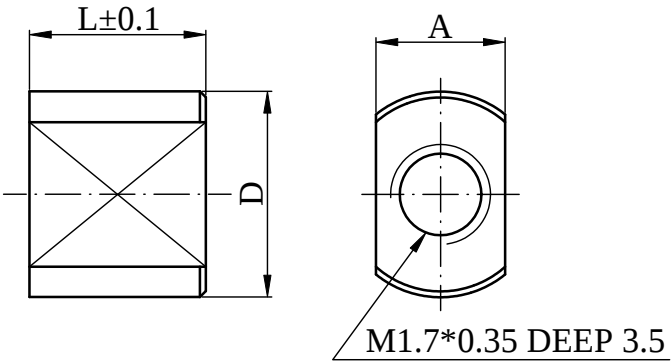
- Overall width: 17.0
- Overall height: 9.0
- Internal vertical dimension: 8.0
- Horizontal distance between vertical centerlines: 9.5
- Three holes: $3-\varnothing 1.4^{+0.2}_{-0.0}$
- Two slots: S1 and S2
- Vertical centerline and horizontal centerline are indicated by dashed lines.
- Feature labels 1, 2, and 3 point to the three holes.
- Feature labels S1 and S2 point to the two slots.
- Dimension 17.0 is the total width.
- Dimension 9.5 is the distance between the vertical centerlines of the holes.
- Dimension 8.0 is the distance from the bottom edge to the centerline of the holes.
- Dimension 9.0 is the total height.
- Dimension 1.4 is the hole diameter.
- Dimension $^{+0.2}_{-0.0}$ is the hole diameter tolerance.
- Dimension 3 is the number of holes.
- Dimension 2-2 is the slot width.
- Dimension 2*10 is the slot length.

	Non notation tolerance	
	< 10	± 0.3
	$10 \sim 100$	± 0.5
	> 100	± 0.8

L=	1.2	1.5			$10 \sim 100$	± 0.5
choose					> 100	± 0.8

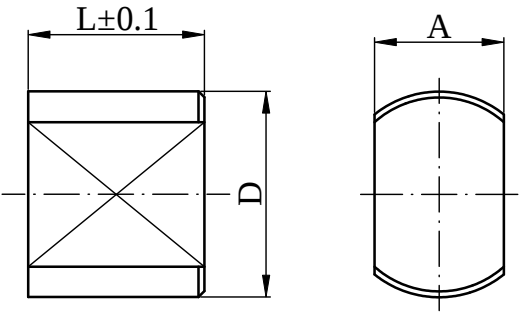
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Shaft Types 軸型:



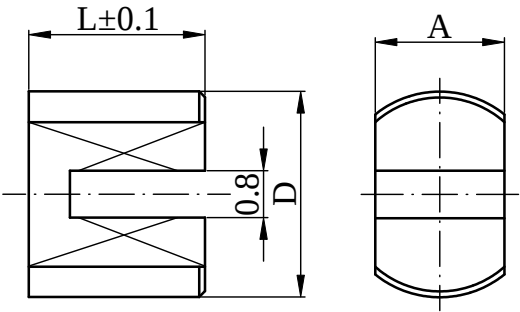
Tap Type

L	1.0-5.0
A	2.2±0/0.1
D	Ø3.5



NO Tap Type

L	1.0-5.0
A	2.2±0/0.1
D	Ø3.5



Slotted Type

L	1.0-5.0
A	2.2±0/0.1
D	Ø3.5