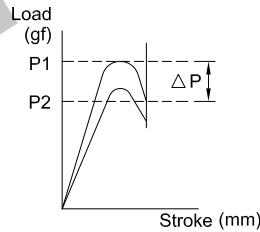


SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

- Rating (Rotary Switch Portion) : DC 5V 0.5mA (Terminals A and B)
DC 5V 1mA (Terminal C)
(Push Switch Portion) : DC 12V 0.5A
- Contact Resistance : 500mΩ Max.(Push Switch Portion)
- Insulation Resistance : 10MΩ Min.at DC 50V (Rotary Switch Portion)
: 100MΩ Min.at DC 50V (Push Switch Portion)
- Dielectric Strength : AC 50V for 1 Minute
- Output Signal Format

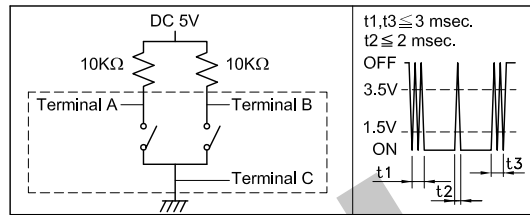
Force -Stroke



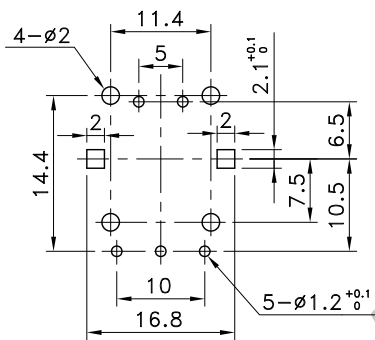
P1	510 ⁺¹⁰² ₋₈₂ gf
P2	153gf Min.
ΔP	163 ⁺⁸² ₋₆₁ gf

- Resolution : 24 Pulses /360° for Each Phase
- Chattering : Measurement Shall be Made Under the Condition as Follows.
1) Shaft Rotational Speed :360° /Sec
2) Test Circuit :

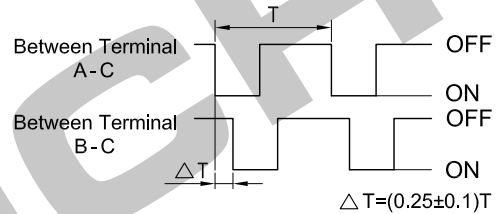
Shaft Rotational Direction	Signal	Output
C.W	A (Terminal A-C)	OFF ON
	B (Terminal B-C)	OFF ON
C.C.W	A (Terminal A-C)	OFF ON
	B (Terminal B-C)	OFF ON



P.C.B TERMINAL POSITION



- Phase Difference : The shaft shall be rotated at a constant speed.



SOLDERING CONDITIONS

	Temperature (°C)	Time (Sec.)
Auto Soldering	255±5	5 ⁺¹ ₀
Manual Soldering	380±10	3 ⁺¹ ₀

- Operating Temperature Range : -10~+70°C

MECHANICAL CHARACTERISTICS

- Rotational Angle : 360°(Endless)
- Position Detents : 24 Detents (15±3° Step)
- Detent Torque : 30~200 gf • cm
- Life (Rotary Switch Portion) : 50,000 Cycles
(Push Switch Portion) : 50,000 Cycles
- Stroke : 0.5^{+0.3}_{-0.2} mm

REVISION:	DATE:	REVISION:	DATE:
UNIT:mm	THIRD ANGLE PROJECTION METHOD	TOL. UNLESS OTHERWISE STATED:±0.3	CODE NO.: HCH-1770
ISSUED	CONFIRMED	PART NO.	
John	Elvis	EVR124VS-030	
2011.09.01	2011.09.01	HORNG CHIH 鴻琪股份有限公司	