

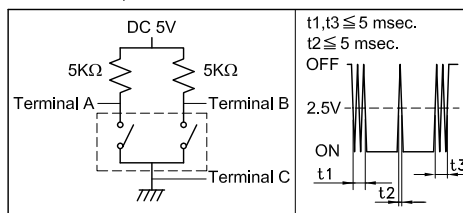
SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

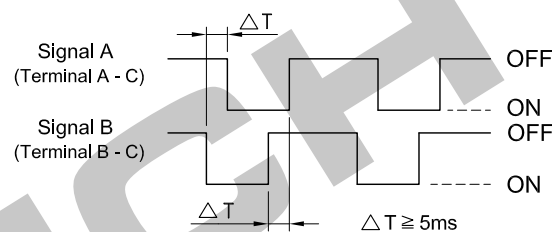
- Rating : DC 5V 10mA (1mA Min.)
- Insulation Resistance : 100MΩ Min.at DC 250V
- Dielectric Strength : AC 300V for 1 Minute or AC 360V for 2 Second
- Output Signal Format

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

- Resolution : 16 Pulses /360° for Each Phase (Applied for with-detent type) (2 click 1 pulse)
- Chattering : Measurement Shall be Made Under the Condition as Follows.
 - Shaft Rotational Speed :360° /sec
 - Test Circuit :



- Phase Difference : The shaft shall be rotated at constant speed (for those not having detents).

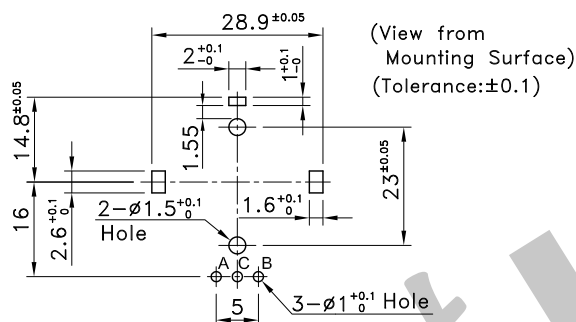


- Operating Temperature Range : -40~+85°C
- Storage Temperature Range : -40~+85°C

MECHANICAL CHARACTERISTICS

- Rotational Angle : 360°(Endless)
- Position Detents : 32 Detents (11.25±3° Step)
- Detent Torque : 100±70 gf • cm
- Rotational Torque : 100±70 gf • cm
- Shaft Wobble : 0.6 mmp-p Max.
- Shaft Play in Axial Direction : 0.4 mmp-p Max.
- Life : 15,000 Cycles

P.C.B TERMINAL POSITION



SOLDERING CONDITIONS

	Temperature (°C)	Time (Sec.)
Auto Soldering	260±5	5±1
Manual Soldering	300 Max.	3 Max.

REVISION:	DATE:	REVISION:	DATE:
UNIT:mm	THIRD ANGLE PROJECTION METHOD	TOL. UNLESS OTHERWISE STATED:±0.3	CODE NO.: HCH-1492-1
ISSUED	CONFIRMED	PART NO.	
John	Elvis	EVR28V-09	
2024.01.09	2024.01.09	HORNG CHIH 鴻琪股份有限公司	