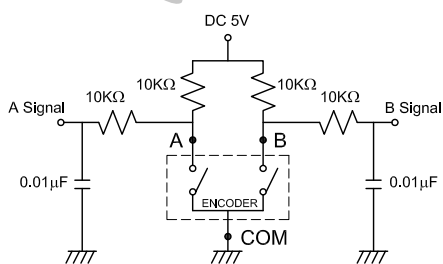


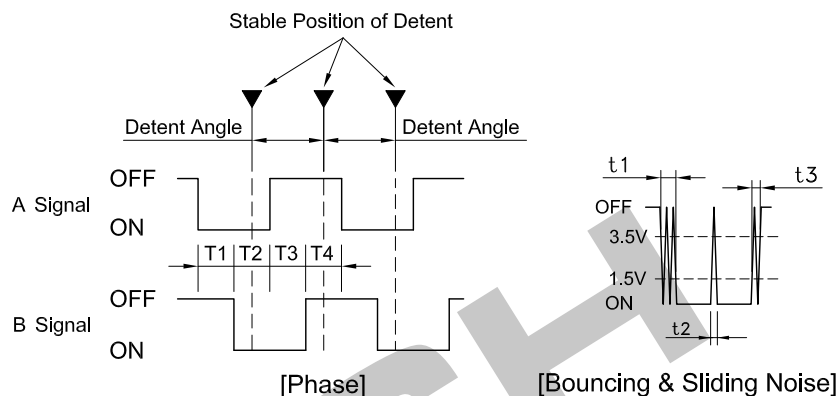
SPECIFICATIONS

• ELECTRICAL CHARACTERISTICS

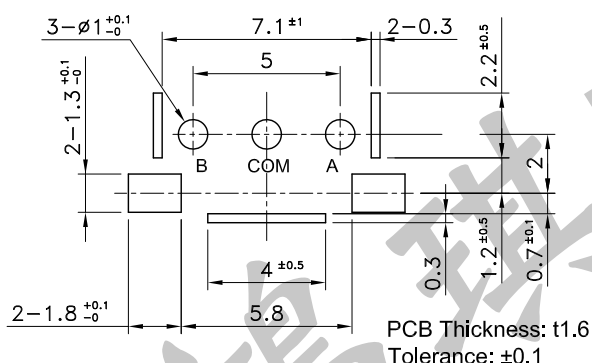
1. Rating : DC 10V 1mA
2. Contact Resistance : 10Ω Max.at DC 5V 0.5mA
3. Insulation Resistance : 50MΩ Min.at DC 50V
4. Dielectric Strength : AC 50V for 1 minute
5. Out Signal : A, B 2 signals
6. Out Resolution : 12 Pulse / 360°
7. Bouncing (t1, t3) : 15ms Max.
8. Sliding Noise (t2) : 10ms Max.
9. Phase Difference : 4ms Min.
10. Operating Temperature Range : -40~+85°C
11. Storage Temperature Range : -40~+85°C



[Measurement Circuit]



P.C.B TERMINAL POSITION



• MECHANICAL CHARACTERISTICS

1. Rotational Angle : 360°(Endless)
2. Position Detents : 24 Detents (15±3° Step)
3. Detent Torque : 51±30 gf • cm
4. Life : 100,000 Cycles

SOLDERING CONDITIONS

| | Temperature (°C) | Time (Sec.) |
|------------------|------------------|-------------|
| Auto Soldering | 250 Max. | 3 Max. |
| Manual Soldering | 350 Max. | 3 Max. |

| | | | |
|-------------|-------------------------------|-----------------------------------|-------------------|
| REVISION: | DATE: | REVISION: | DATE: |
| UNIT:mm | THIRD ANGLE PROJECTION METHOD | TOL. UNLESS OTHERWISE STATED:±0.5 | CODE NO.:HCH-2350 |
| ISSUED | CONFIRMED | PART NO. | |
| <i>John</i> | <i>Elvis</i> | HORNG CHIH | |
| 2020.05.19 | 2020.05.19 | 鴻琪股份有限公司 | |
| | | | EVR13K-01 |