

HXSP2T4086G SP2T Switch

1. Description

| ID | Items | Specifications |
|------|-------------------------|--------------------------------------|
| 1-1 | Type | Absorptive SPDT Switch |
| 1-2 | Frequency Range | 1MHz ~ 8GHz |
| 1-3 | Isolation | ≥50dB@1MHz~3GHz ≥40dB@3GHz~8GHz |
| 1-4 | Insertion Loss | ≤2.5dB@1MHz~3GHz ≤4.0dB@3GHz~8GHz |
| 1-5 | VSWR | ≤1.5 |
| 1-6 | Impedance | 50Ω |
| 1-7 | RF Input Power | 23dBm |
| 1-8 | Switching Speed | ≤300ns |
| 1-9 | Input/Output Connectors | SMA-F |
| 1-10 | Control Connectors | Φ0.8mm Glass Insulator |
| 1-11 | Control | TTL=0V/3.3V ~ 5V |
| 1-12 | DC Power Supply | +5V/≤50mA |

2. Environmental Specifications

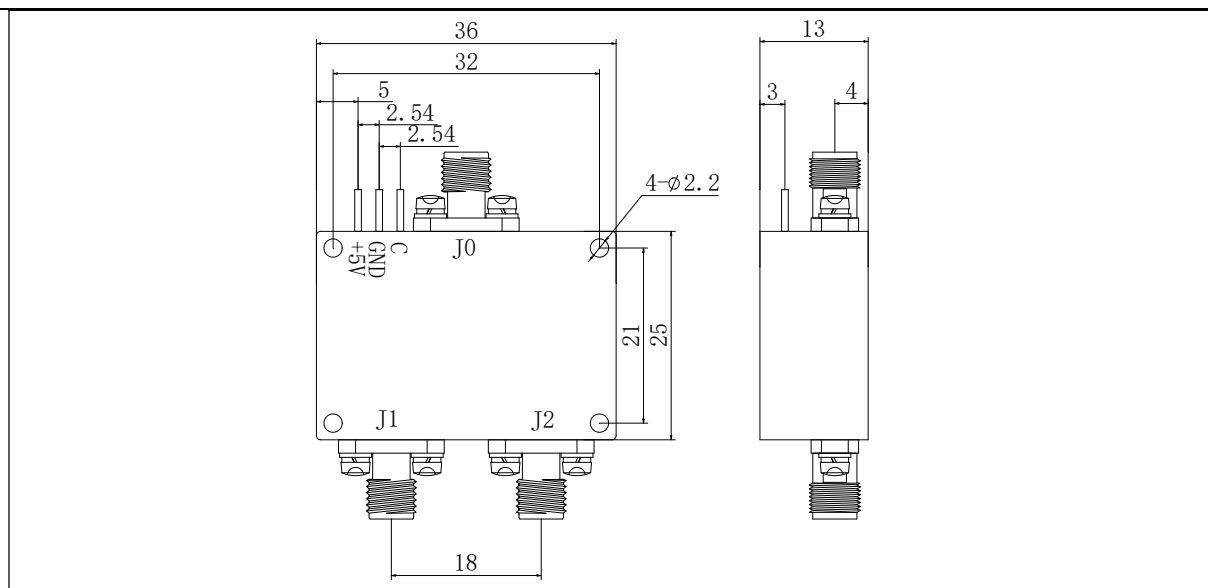
| ID | Items | Specifications |
|-----|-------------------------|----------------|
| 2-1 | Operational Temperature | -40℃ ~ +70℃ |
| 2-2 | Storage Temperature | -55℃ ~ +85℃ |

3. Truth Table

| ID | C | Signal Path State |
|-----|---|-------------------|
| 3-1 | 0 | J0-J1 |
| | 1 | J0-J2 |

4. Outline Drawing

| ID | Items | Specifications |
|-------------------|-----------------|----------------|
| 4-1 | Outline Drawing | Unit: mm |
| Tolerances:±0.2mm | | |



| | | |
|-----|----------|---------------|
| 4-2 | Material | Aluminum |
| 4-3 | Finish | Nickel Plated |
| 4-4 | Weight | 30g |

5. Note

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|-----|--|
| 5-1 | Should be take the ESD protection during use. |
| 5-2 | Exceeding the rated input power limit may cause the product to burn out. |
| 5-3 | Avoid using in extreme temperature, humidity, or corrosive environments. |
| 5-4 | Good grounding can reduce EMI and RFI. |
| 5-5 | All specifications are subject to change without notice at any time. |