

## Preliminary Specification

### CMSW2R-2-18G-25W High Power 2 – 18 GHz Single Pull Double Throw RF Switch

#### Electrical Specifications

Parameter	Specification
Frequency Range	2 ~ 18 GHz
Insertion Loss	≤2.5 dB
VSWR	≤2.0:1
Isolation	≥30 dB
Input Power	CW: 25 W Pulse: 50 W @ 50% Duty Cycle
Switching Speed	≤50 ns
Power Supply	+5 V [50 mA], -65 V [-50 mA]
Switch Type	Reflective
Input/output Connector	SMA Female
Control Level	TTL
Surface Finish	Natural Color Conductive Oxidation
Operating Temperature	-40° C ~ +70° C
Dimensions	26 mm x 50 mm x 10 mm

**\*COLD SWITCHING ONLY. HOT SWITCHING MAY CAUSE DAMAGE**

#### Truth Table

TTL	J0 to J1	J0 to J2
<b>1</b>	On	Off
<b>0</b>	Off	On

# Mechanical Drawing

