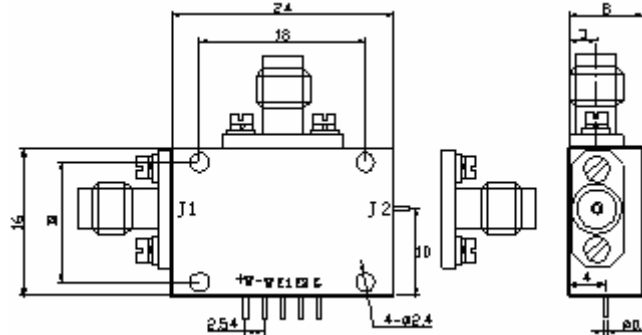


## Characteristics

**Wide Bandwidth**  
**Low Insertion**  
**High Isolation**  
**No Reflection**  
**TTL Control**



Notes: Frequency range, insertion loss, isolation, power rating and connection type, control mode and outline can be customized. And different application condition can also be customized.

## Specifications

Part Number	Frequency Range (GHz)	Insertion Loss (dB) max	Isolation (dB) min	VSWR max	Switch Speed (ns) max	Power Rating cw (w)	Outline
LT-CK22310	0.5—1.0	1.0	60	1.4	50	0.2	
LT-CK22320	1.0—2.0	1.0	60	1.4	50	0.2	
LT-CK22330	2.0—4.0	1.2	60	1.5	50	0.2	
LT-CK22340	4.0—8.0	1.6	60	1.7	50	0.2	
LT-CK22350	8.0—12.0	2.2	60	1.9	50	0.2	
LT-CK22360	12.0—18.0	2.8	60	2.0	50	0.2	
LT-CK22370	2.0—8.0	1.8	60	1.9	50	0.2	
LT-CK22380	8.0—18.0	2.8	60	2.0	50	0.2	
LT-CK22390	2.0—18.0	2.8	60	2.0	50	0.2	

## Application Notes

1. Power supply: Input from +V lead to +5V, current can be no more than 60mA ;From -V lead to -5V, current can only be up to 40mA ;
2. Control mode: When TTL input from Ei(i=1,2) and TTL is "0", voltage is now 0-0.8V, J0-Ji is on? ; When TTL is high as "1", voltage is 2-5.5V and J0-Ji is on.
3. Be sure if power supply is right connected and voltage can be no more than 20% of rated;

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