

Product Features

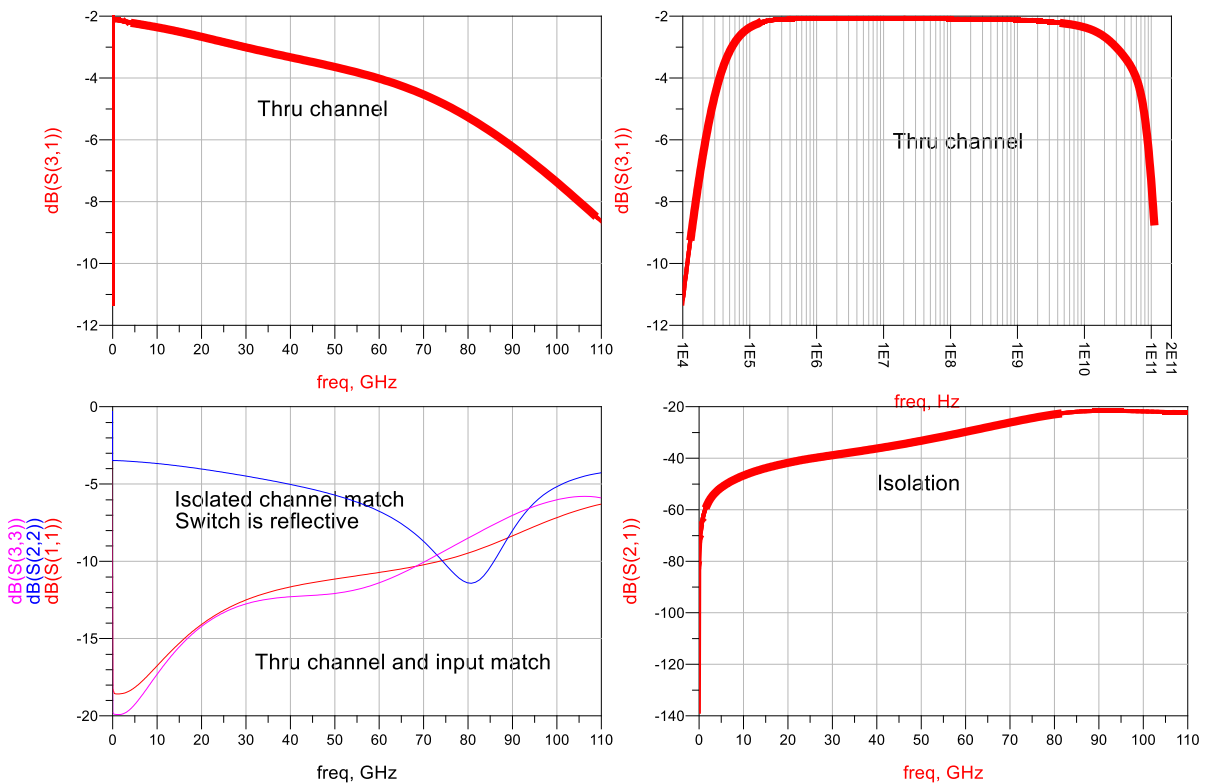
- RF frequency: DC to 70 GHz
- Insertion Loss: 2 dB
- Isolation: 30 dB
- Die Size: X=680 μ m, Y=730 μ m, Z=0.05mm
- Control Voltage: 5 VDC

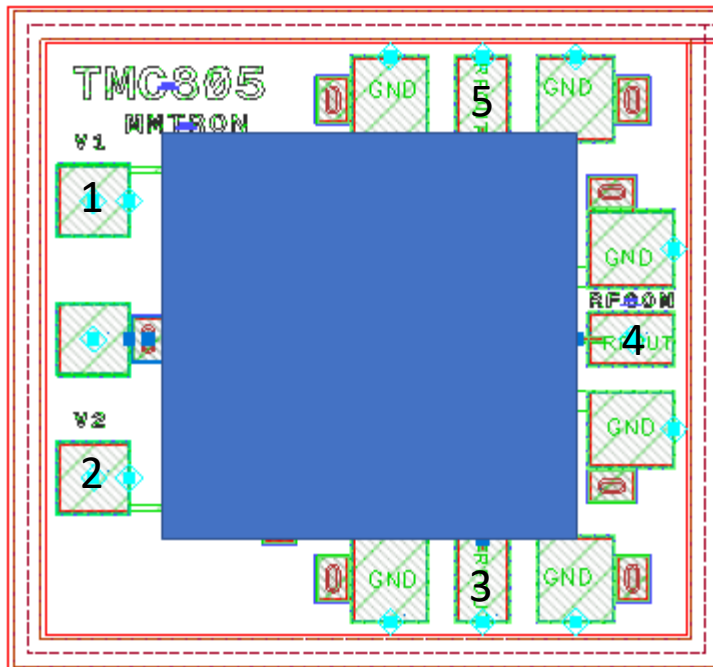
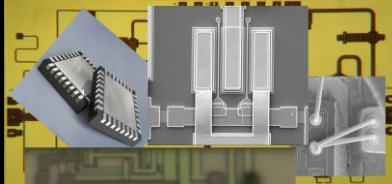
Application

- Point-to-Point Radios and VSATs
- Test instrumentation
- Fiber Optics
- Military, EW and Space

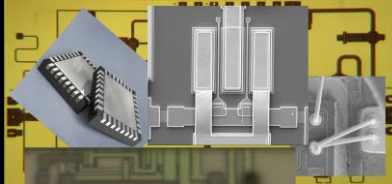
Product Description

The TMC805D GaAs PHEMT SPDT is a wideband single pole double thru, designed for use in Radios, Test instrumentation, Military, EW and Space applications. The TMC805D is a 50 Ω matched design and eliminates the need for RF port matching. Both bond pad and backside metallization are Au-based that is compatible with ribbon and wedge bonding and high conductivity epoxy and eutectic die attach methods.





| Pad # | Function |
|-------|-------------------|
| 1 | Control Voltage 1 |
| 2 | Control Voltage 2 |
| 3 | RF1 |
| 4 | RF_COM |
| 5 | RF2 |



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