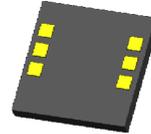


Equalizer

- ◆ 2GHz to 18GHz
- ◆ Input Power:1W
- ◆ Equilibrium Value:4dB
- ◆ Impedence:50Ω



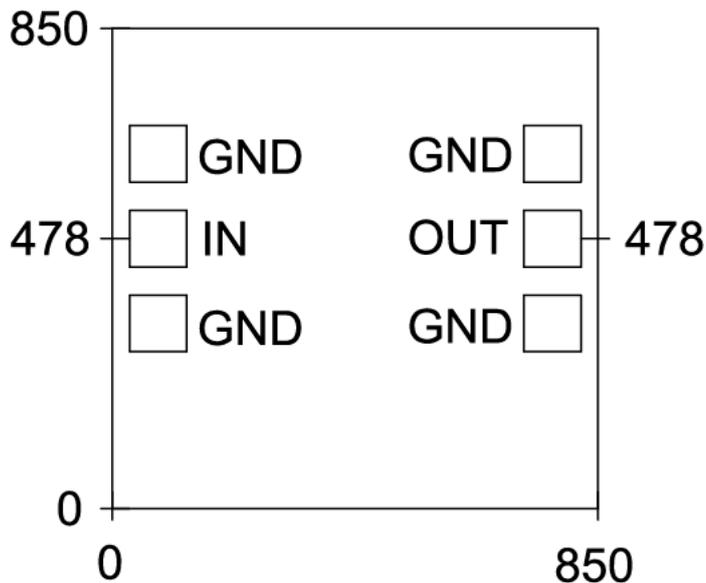
Features

- Adopting advance GaAs technology
- Low VSWR
- Wide Equilibrium
- Die Package

Specification

| | |
|------------------------|------------------|
| Freq. Range: | 2GHz to 18GHz |
| Impedence: | 50Ω |
| Input Power: | 1W |
| Insertion Loss: | 0.7dB@18GHz |
| In/Outinput VSWR: | 1.3/1.3 |
| Size: | 0.85x0.85x0.1mm |
| Operating Temperature: | -55 °C to 125 °C |

Outlines Dimension



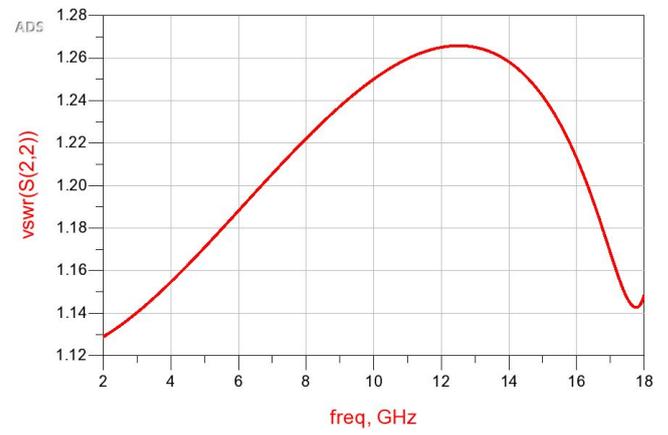
| Paramter | Value(μm) |
|----------------|-----------|
| Thickness | 100 |
| Width | 850 |
| Length | 850 |
| Electrode Size | 100x100 |

Test Curve (Die on the prode platform)

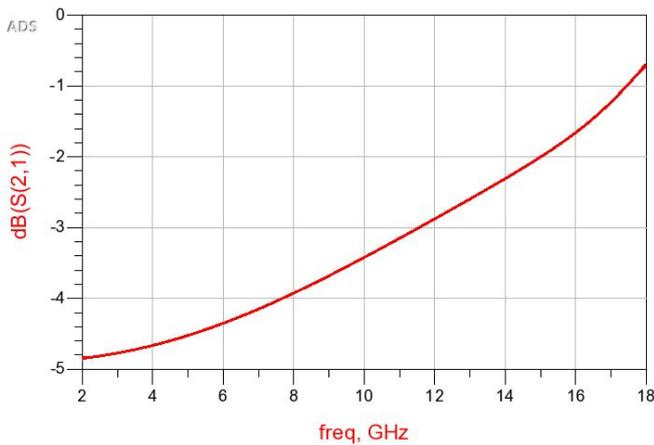
vswr(S(1,1))



vswr(S(2,2))

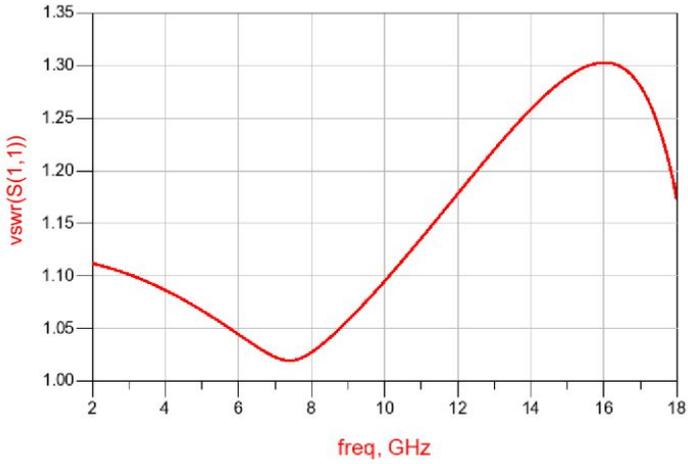


dB(S(2,1))

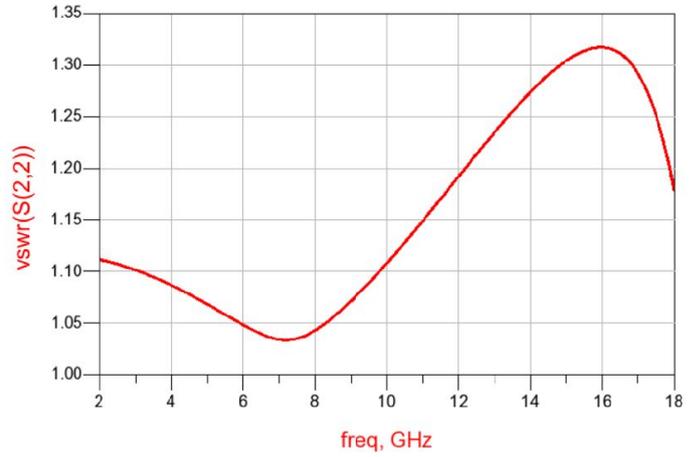


Test curve result (add 300um double wire-bonding)

vswr(S(1,1))



vswr(S(2,2))



dB(S(2,1))

