# DATASHEET

## PR2037

1.85mm Male to Female Attenuator, DC-67 GHz, 2 W, 8 dB



| | |
|---|---|
| Connector Series | **1.85mm** |
| Configuration | **Male to Female** |
| Frequency Range | **DC-67 GHz** |
| Attenuation | **8 dB** |
| Average Power | **2 W @ 25°C** |
| VSWR | **1.35 Max** |
| Directionality | **Bidirectional** |

### 1: Material & Plating

| | |
|---|---|
| Body | Passivated Stainless Steel |
| Contacts | Brass(Male) BeCu(Female) |
| Contact Plating | Au 50µ” Min |
| RoHS | Compliant |

### 2: Electrical Parameter

| | |
|---|---|
| Frequency Range | DC-67 GHz |
| Nominal Attenuation | 8 dB |
| Attenuation Accuracy | -1.0/+1.2 dB |
| VSWR | 1.35 Max |
| Impedance | 50 Ohms |
| Directionality | Bidirectional |
| Average Power Handling | 2 Watts at 25°C derated linearly to 0.5 Watts at 125°C |
| Peak Power Handling | — |

### 3: Mechanical Parameter

| | |
|---|---|
| Connector Interface | 1.85mm |
| Gender / Configuration | Male to Female |
| Outline Dimensions | .73" 15/64" HEX |

### 4: Environment

| | |
|---|---|
| Operating Temperature | -55°Cto+125°C |
| RoHS Compliance | Compliant |


Specifications subject to change without notice. This datasheet is for reference only.