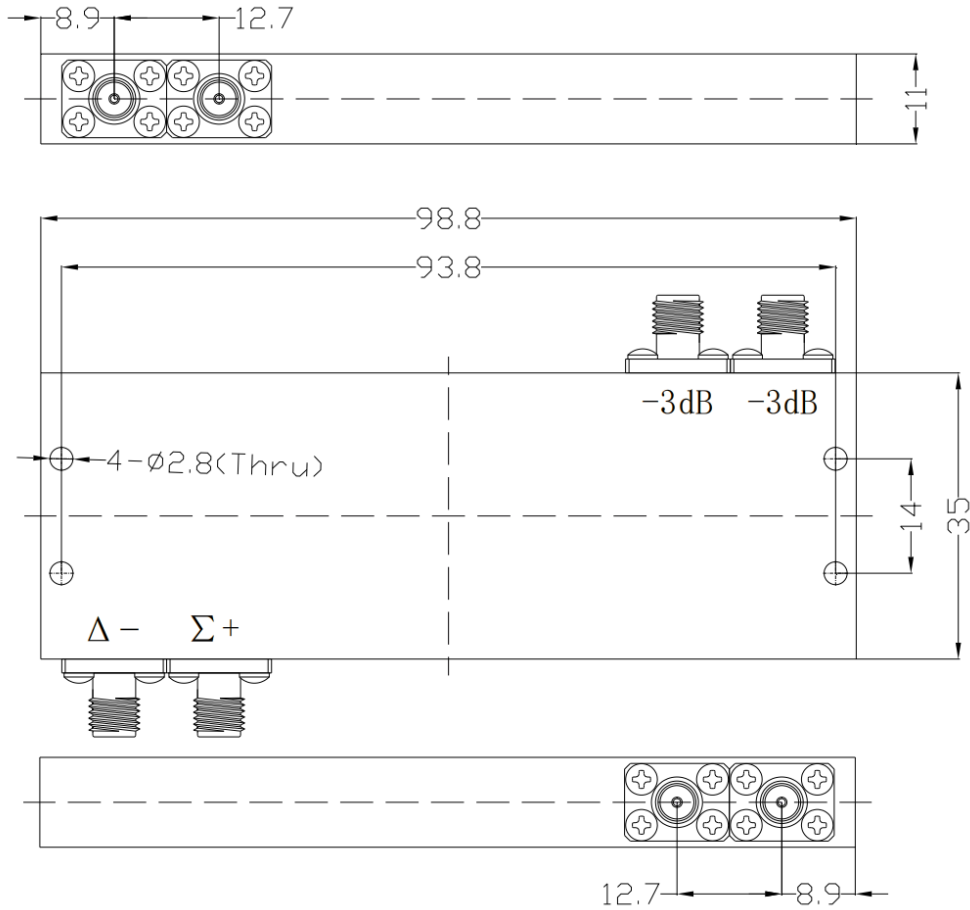


## SMA 180 Degree Bridge, RDCB2F18S-15 2-18GHz, 50W

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                        |   |                  |        |
|------------------------|---|------------------|--------|
| <b>Frequency Range</b> | 2-18GHz   | <b>Impedance</b> | 50 Ohm |
| <b>VSWR Primary</b>    | 1.7 Max   |                  |        |
| <b>VSWR Secondary</b>  | Max   |                  |        |
| <b>Insertion Loss</b>  | 2.9dB Max   |                  |        |
| <b>Phase Balance</b>   | $\pm 15^\circ$  |                  |        |
| <b>Input Avg Power</b> | 50 Watts max @25°C (Derate linearly to 5 Watt at 100°C) |                  |        |
| <b>Operating Temp</b>  | -55°C~+85°C   |                  |        |

### Mechanical & Product Information

|                       |                                       |                       |                            |
|-----------------------|---------------------------------------|-----------------------|----------------------------|
| <b>Product Number</b> | RDCB2F18S-15                          | <b>Product Type</b>   | 180 Degree Bridge          |
| <b>Connector</b>      | SMA Female                            | <b>Connector Body</b> | Passivated stainless steel |
| <b>Center Contact</b> | Gold plated beryllium copper          |                       |                            |
| <b>Housing</b>        | 6061 Aluminum alloy, Light blue paint |                       |                            |
| <b>Dimensions</b>     | 98.8×35×11mm                          | <b>Net Weight</b>     | -                          |



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