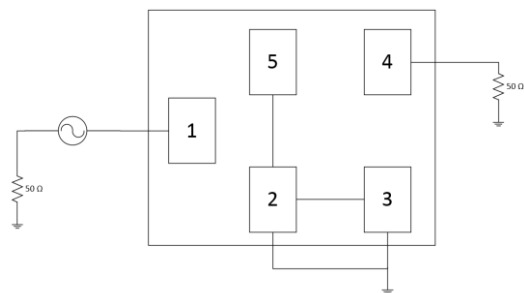


QPQ1040QEVB  
2300-2400 MHz TX/RX Filter

QPQ1040Q Application Circuit

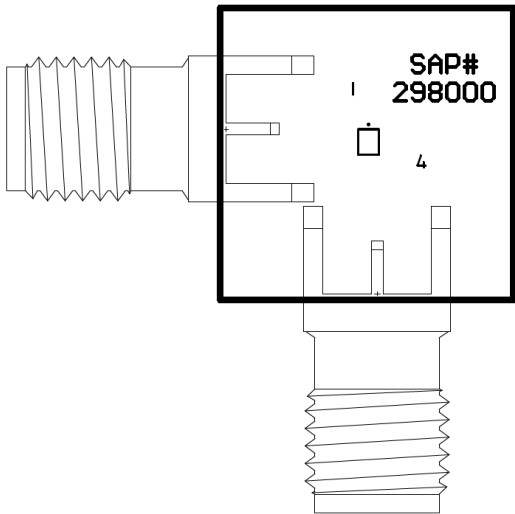


RF ports are internally matched to 50Ω

QPQ1040Q EVB PCB Information

| Layer | Name           | Material       | Thickness | Constant | Board Layer Stack |
|-------|----------------|----------------|-----------|----------|-------------------|
|       | Top Overlay    |                |           |          |                   |
|       | Top Solder     | Solder Resist  | 0.40mil   | 3.5      |                   |
| 1     | Top Layer      | Copper         | 0.70mil   |          |                   |
|       | Dielectric1    | Taconic TLY-5A | 7.50mil   | 2.4      |                   |
| 2     | Signal Layer 1 | Copper         | 0.70mil   |          |                   |
|       | Dielectric 3   | FR-4           | 52.00mil  | 4.2      |                   |
| 3     | Bottom Layer   | Copper         | 0.70mil   |          |                   |
|       | Bottom Solder  | Solder Resist  | 0.40mil   | 3.5      |                   |
|       | Bottom Overlay |                |           |          |                   |

Total Thickness: 62mil



QPQ1040QEVB Bill of Material

| Ref. Des. | Value | Description                | Manuf.           | Part number   |
|-----------|-------|----------------------------|------------------|---------------|
| PCB       | N/A   | 3 layer                    | Multiple         |               |
| U1        | N/A   | 2300-2400 MHz TX/RX Filter | Qorvo            | QPQ1040Q      |
| SMA       | N/A   | SMA connector              | Radiall USA Inc. | 9602-1111-018 |