

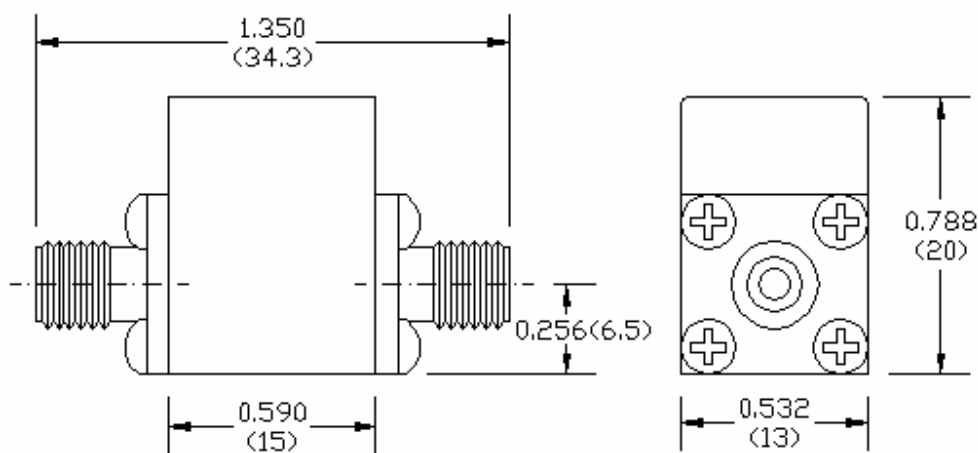
**Key Features:**

- Frequency range: 7.0~18GHz
- SMA connectorized configuration
- Small size, low cost
- Power handling +5 Watts forward and +2Watt reverse
- Customer specify center frequency and bandwidth

**Electrical Specifications**

| Part No.      | Freq Range GHz | Insertion Loss, dB | Reverse Isolation, dB | VSWR   | Forward Power, Watts | Reverse Power Watts | Temp. Range, °C |
|---------------|----------------|--------------------|-----------------------|--------|----------------------|---------------------|-----------------|
| F2170-0745-07 | 7.2-7.7        | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-0750-07 | 7.25-7.75      | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-0750-08 | 7.20~7.80      | 0.5 Max            | ≥ 20                  | ≤ 1.25 | ≥ 5                  | ≥ 2                 | 0 ~ +50         |
| F2170-0820-05 | 8.0-8.4        | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-0905-12 | 8.5~9.6        | 0.5 Max            | ≥ 20                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -40 ~ +85       |
| F2170-1095-05 | 10.7-11.2      | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-1300-08 | 12.5-13.5      | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-1400-07 | 13.5-14.5      | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-1400-14 | 13.0-15.0      | 0.7 Max            | ≥ 19                  | ≤ 1.3  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-1450-07 | 14.0-15.0      | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |
| F2170-1750-06 | 17.0-18.0      | 0.5 Max            | ≥ 23                  | ≤ 1.2  | ≥ 5                  | ≥ 2                 | -25 ~ +55       |

**Mechanical Structure:**



Note: All units in inches(mm).

**Ordering Information:**

