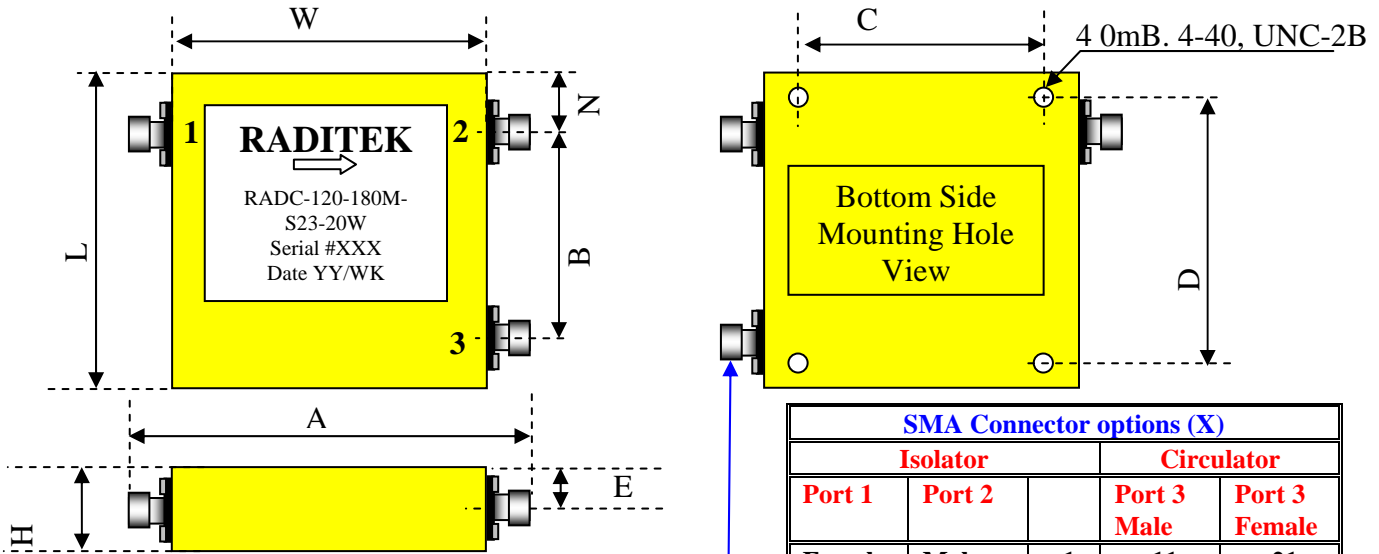


## Isolator or Circulator 120-180MHz, N-Type or SMA Connectors, 20 Watts

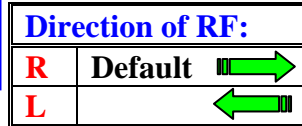


**Tolerance (unless stated otherwise):**

|                   |             |
|-------------------|-------------|
| Hole diameter     | ±0.004      |
| Dimenesions       | ±0.015      |
| Machined surfaces | 63√         |
| Flatness          | ±0.001/inch |
| Bend radius       | 1/32 inch   |

Load Fitted Here  
on Isolator Models.  
Internal 1-20W  
External: > 20W

| SMA Connector options (X) |        |             |               |     |
|---------------------------|--------|-------------|---------------|-----|
| Isolator                  |        | Circulator  |               |     |
| Port 1                    | Port 2 | Port 3 Male | Port 3 Female |     |
| Female                    | Male   | -1          | -11           | -21 |
| Male                      | Female | -2          | -12           | -22 |
| Female                    | Female | -3          | -13           | -23 |
| Male                      | Male   | -4          | -14           | -24 |



Units: mm  
Not to Scale

Order Examples: **RADI-F1-F2M-SX-20WR**  
**I=ISOLATOR / C=CIRCULATOR**

| Size# | W    | L    | H  | N   | A   | B   | C   | D   | E   |    |
|-------|------|------|----|-----|-----|-----|-----|-----|-----|----|
| 1     | 66.1 | 64.8 | 25 | tbc | tbc | tbc | tbc | tbc | tbc | mm |

| Size # | Specifications: Frequency MHz | BW   | Insertion loss dB (max) | Isolation dB (min) | VSWR :1      | Power Fwd Watts | Power Rev Watts | Temp Range °C   | Connector |
|--------|-------------------------------|------|-------------------------|--------------------|--------------|-----------------|-----------------|-----------------|-----------|
| 1      | 120-180                       | Full | 1.0<br>1.1              | 17<br>16           | 1.50<br>1.55 | 20              | 20              | 25<br>-20 to 65 | SMA       |
| 1      | 145-155                       | Full | 0.8<br>0.9              | 20<br>18           | 1.30<br>1.35 | 20              | 20              | 25<br>-20 to 65 | SMA       |