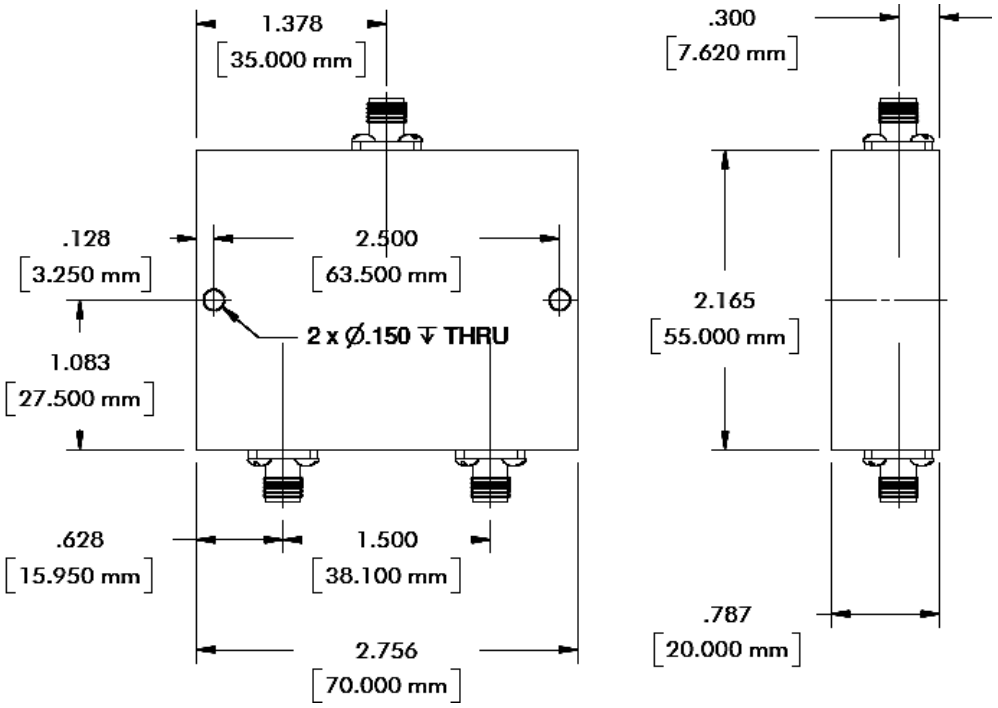
# RADITEK INC.

RoHS COMPLIANT

Code-w18

## 2-Way Power Divider, 380-520MHz

### SMA Female Connectors, 20Watts CW




**Unit: Inch [mm]**
**Not to scale**

**Order Examples: R2PD-380-520M-Sf-20W-CW-w18**
**Description:** *(2-Way Power Divider, 380-520MHz, SMA Female Connectors, 20Watts CW)*

| Specifications | | | Units |
|---|---|---|---|
| Frequency | **380-520** | **420-450** | MHz |
| Insertion Loss | 0.3 | 0.3 | dB max |
| Maximum Input Power* | 20 | 20 | Watts CW, max |
| Input/ Output VSWR | 1.25:1 | 1.25:1 | max |
| Isolation | 20 | 20 | dB min |
| Phase Balance | 2 | 2 | deg max |
| Amplitude Balance | 0.2 | 0.2 | dB max |
| Operating Temperature | -55 to +100 (Tested at +25) | -55 to +100 (Tested at +25) | °C |
| Environment | Indoor use only | Indoor use only | |
| RF Interface | SMA Female, 50-ohm ¼-36 Thread stainless steel | SMA Female, 50-ohm ¼-36 Thread stainless steel | |
| Material | Aluminum 6061-T6 | Aluminum 6061-T6 | |
| Finish | Grey Acrylic Paint | Grey Acrylic Paint | |

***Rated power for use as a splitter into load's VSWR of 1.20:1 max**
**Adequate heatsink/ ventillation may be required at full operating temperature.**

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