

Isolators and Circulators

**2-26.5 GHz**

Ferrite Isolators

Specifications

SMA (F), 2 to 26.5 GHz

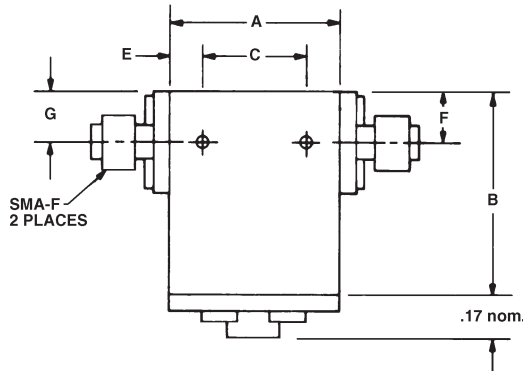
| FREQUENCY (GHz) | MODEL | ISOLATION (dB min.) | INSERTION LOSS (dB max.) | VSWR (max.) | PEAK POWER Fwd & Rev (watts) | AVERAGE POWER | | TEMPERATURE RANGE (°C) |
|--------------------|-------|------------------------|--------------------------------|----------------|------------------------------------|--------------------|---------------------|---------------------------|
| | | | | | | Forward (watts) | Reverse* (watts) | |
| 2-4 | 4913 | 18 | 0.5 | 1.30 | 50 | 25 | 1 | 0 to +55 |
| 4-8 | 4914 | 18 | 0.5 | 1.30 | 50 | 15 | 1 | -20 to +65 |
| 7-10 | 4915 | 20 | 0.5 | 1.25 | 10 | 5 | 1 | -20 to +55 |
| 8-18 | 4946 | 16 | 0.6 | 1.45 | 15 | 5 | 1 | -20 to +65 |
| 11-18 | 4916 | 20 | 0.5 | 1.25 | 20 | 5 | 1 | -20 to +65 |
| 18-26.5 | 4917 | 17 | 0.6 | 1.40 | 10 | 3 | 1 | -20 to +65 |

* Limited by termination power handling capacity

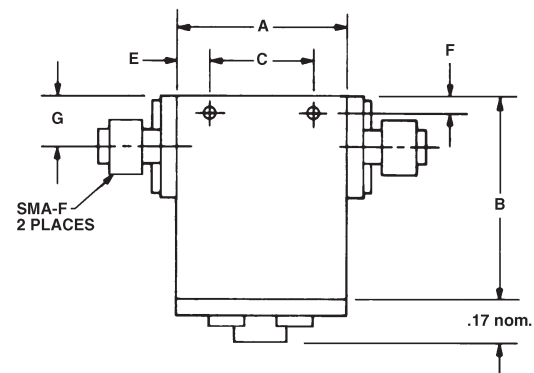


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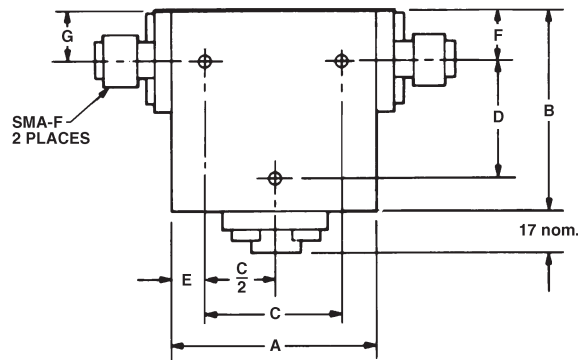
Outline Drawings



OUTLINE I



OUTLINE II



OUTLINE III

NOTES:

TOL: .xx ± .02
.xxx ± .010

*Mounting holes both sides
a = 2-56 UNC-2B
b = 4-40 UNC-2B

| MODEL | OUTLINE DRAWING | MOUNTING DEPTH | HOLE SIZE* | THICKNESS | A | B | C | D | E | F | G |
|-------|-----------------|----------------|------------|-----------|------|------|-------|------|-----|-----|-----|
| 4913 | III | .18 | b | .75 | 1.60 | 1.65 | 1.000 | 1.10 | .30 | .25 | .25 |
| 4914 | III | .15 | a | .60 | 1.00 | 1.00 | .750 | 1.60 | .13 | .25 | .25 |
| 4915 | II | .15 | a | .50 | .50 | .63 | .375 | — | .06 | .16 | .25 |
| 4946 | I | .13 | a | .55 | .63 | .80 | .500 | — | .07 | .25 | .25 |
| 4916 | I | .13 | a | .55 | .63 | .80 | .500 | — | .07 | .25 | .25 |
| 4917 | II | .18 | a | .50 | .50 | .66 | .380 | — | .06 | .18 | .25 |

Dimensions in inches, unless otherwise specified.