# PDM-38-10G 0° POWER DIVIDER / COMBINER

***2 to 18 GHz / 3-Way / Excellent Phase & Ampli. Balance / Low Insertion Loss / High Isolation / SMA***

## *PRINCIPAL SPECIFICATIONS*

| Model Number | Freq. Range, GHz | Coupling, dB, Nom. | Insertion Loss, dB, Max. | Phase Balance, Max. | Amplitude Balance, dB, Max. | Isolation, dB, Min. | CW Input Power, Max., With $VSWR_{out}$ 1.2:1 | 2.0:1 | ∞ |
|---|---|---|---|---|---|---|---|---|---|
| PDM-38-10G | 2 - 18 | – 4.8 | 1.2 | 8° | ± 0.4 | 20 | 30W | 10W | 1W |

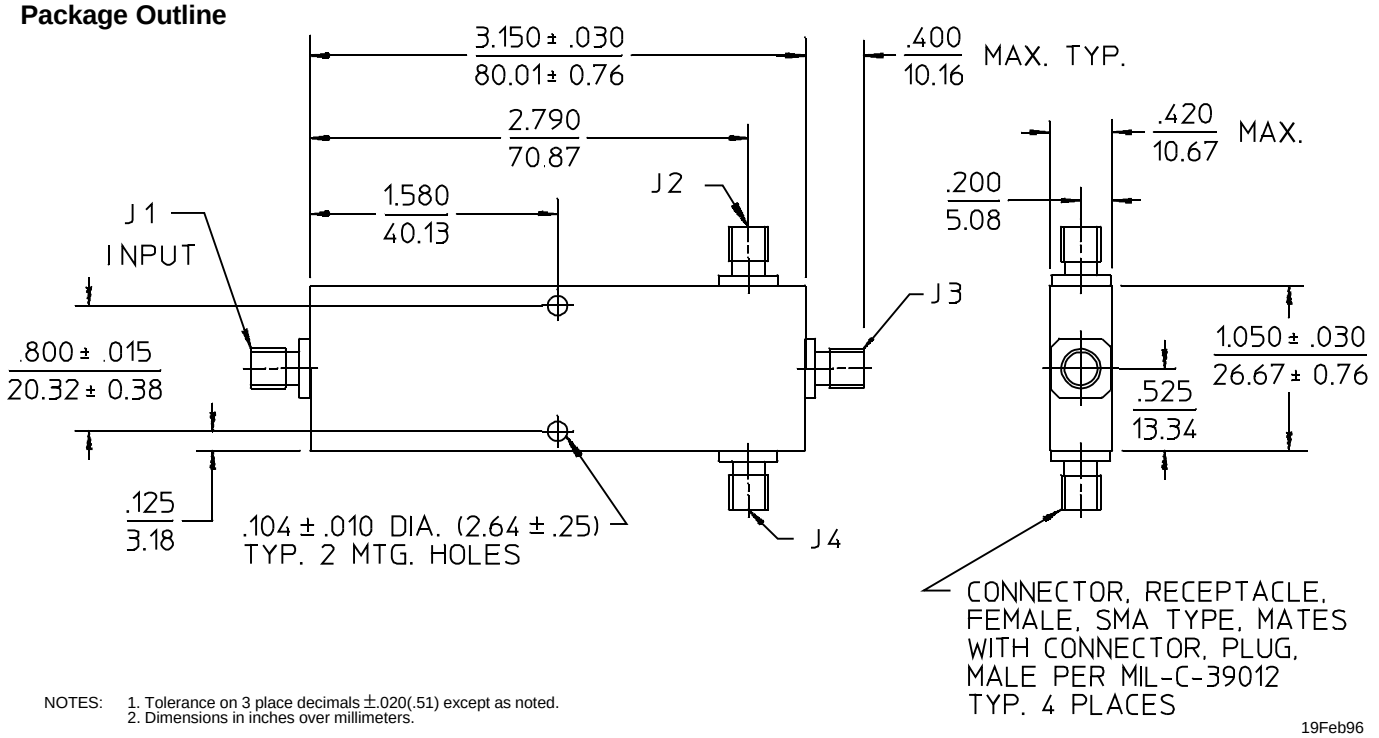
**General Notes:**

1. The PDM-38-10G provides three-way in-phase division of microwave signals in the 2 to 18 GHz range. It is one of a series of *true* multi-way Power Dividers developed to meet the demands of broadband systems requiring very low insertion loss and high output isolation. This model is generally available from stock.

## *GENERAL SPECIFICATIONS*

| | |
|---|---|
| Input/Output VSWR: | 1.4:1 max. |
| Impedance: | 50 Ω nom. |
| Weight: | 2.5 oz. (70 g) |
| Operating Temperature: | – 55° to + 95°C |

**Package Outline**




NOTES: 1. Tolerance on 3 place decimals ±.020(.51) except as noted.
2. Dimensions in inches over millimeters.

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