

The wise choice



Micro-Tronics

for all your filter needs

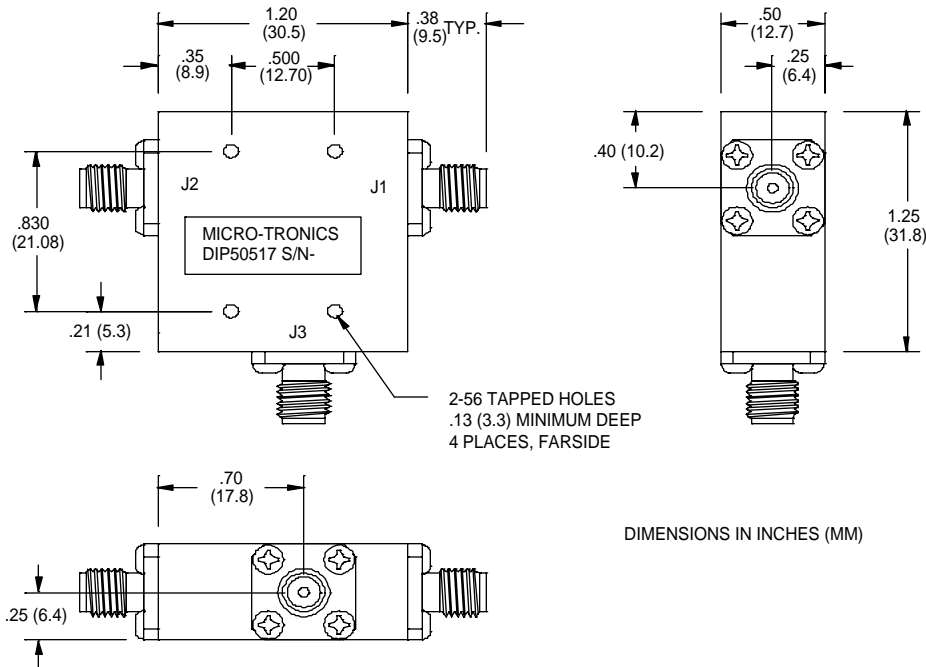
Micro-Tronics is an operating division of O.M. Jones, Inc.

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Model DIP50517



Micro-Tronics Model DIP50517 was specifically designed to pass 0-7.79 GHz and 8.61-18.0 GHz while maintaining low insertion loss and sharp rejection. The basic Contiguous Diplexer design can also be adapted to custom applications.

| Specifications: | | |
|--------------------------|------------------------------|------------|
| Passband (GHz) | 0-7.79 | PORT J1-J2 |
| Passband (GHz) | 8.61-18.0 | PORT J1-J3 |
| Passband Insertion Loss: | 1.5 dB maximum | PORT J1-J2 |
| Passband Insertion Loss: | 1.5 dB maximum | PORT J1-J3 |
| VSWR (0-18 GHz): | 2.0:1 maximum | PORT J1 |
| Rejection: | 50 dB minimum, 9.43-18.0 GHz | PORT J1-J2 |
| Rejection: | 50 dB minimum, 0-6.97 GHz | PORT J1-J3 |
| Crossover Frequency | 8.2 GHz \pm 0.09 GHz | |
| Crossover Insertion Loss | 6.0 dB maximum | |
| Operating Power: | 2 W CW maximum | |

Connectors:

| Model #: | Port 1 | Port 2,3 |
|--------------|------------|------------|
| DIP50517: | SMA Female | SMA Female |
| DIP50517-01: | SMA Male | SMA Female |
| DIP50517-02: | SMA Female | SMA Male |
| DIP50517-03: | SMA Male | SMA Male |

