

The wise choice



Micro-Tronics

for all your filter needs

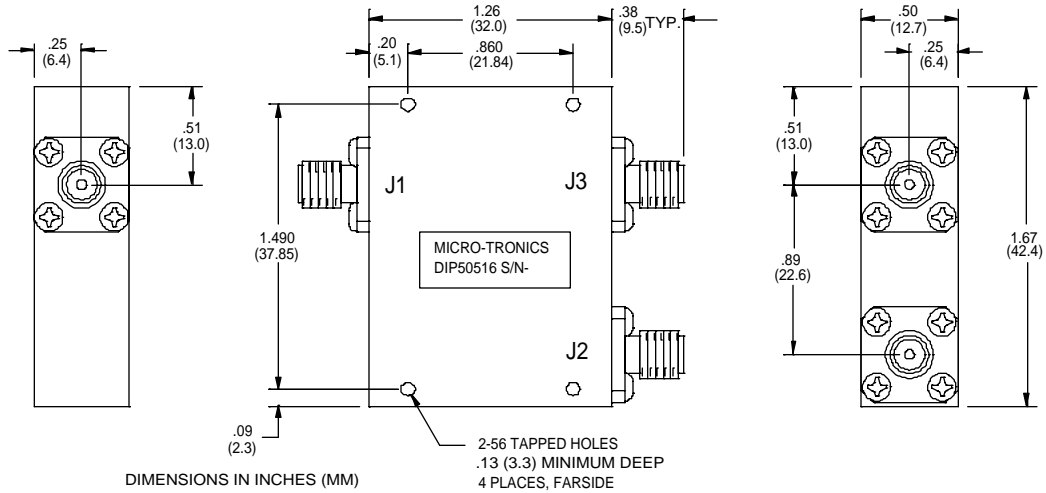
Micro-Tronics is an operating division of O.M. Jones, Inc.

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Model DIP50516



Micro-Tronics Model DIP50516 was specifically designed to pass 0-6.65 GHz and 7.35-18.0 GHz while maintaining low insertion loss and sharp rejection. The basic Contiguous Diplexer design can also be adapted to custom applications.

Specifications:		
Passband (GHz)	0-6.65	PORT J1-J2
Passband (GHz)	7.35-18.0	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:	60 dB minimum, 8.05-18.0 GHz	PORT J1-J2
Rejection:	60 dB minimum, 0-5.95 GHz	PORT J1-J3
Crossover Frequency	7.0 GHz \pm 0.07 GHz	
Crossover Insertion Loss	6.0 dB maximum	
Operating Power:	2 W CW maximum	

Connectors:

Model #:	Port 1	Port 2,3
DIP50516:	SMA Female	SMA Female
DIP50516-01:	SMA Male	SMA Female
DIP50516-02:	SMA Female	SMA Male
DIP50516-03:	SMA Male	SMA Male