

The wise choice



Micro-Tronics

for all your filter needs

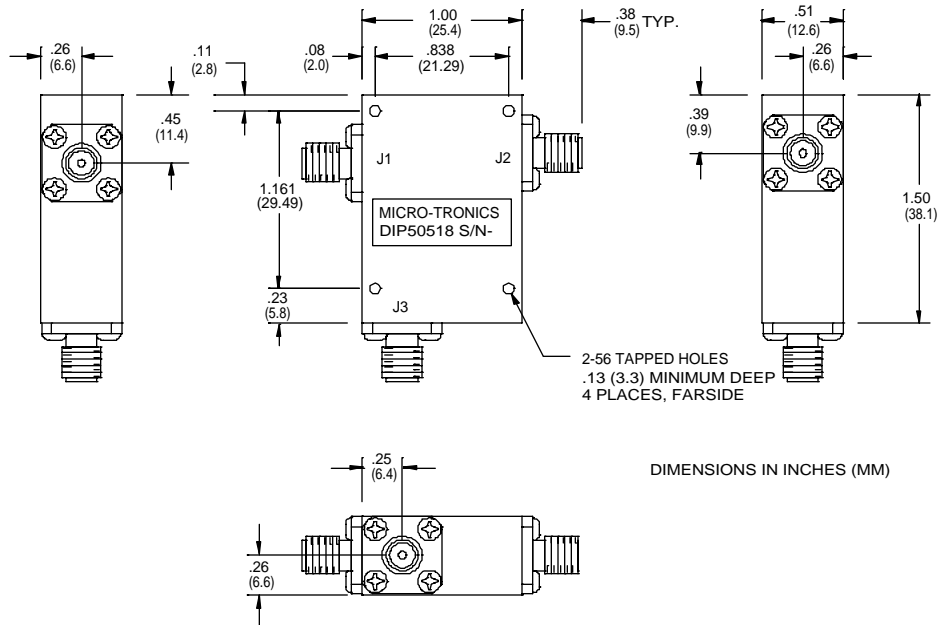
Micro-Tronics is an operating division of O.M. Jones, Inc.

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Model DIP50518



Micro-Tronics Model DIP50518 was specifically designed to pass 0-11.4 GHz and 12.6-18.0 GHz while maintaining low insertion loss and sharp rejection. The basic Contiguous Diplexer design can also be adapted to custom applications.

Specifications:		
Passband (GHz)	0-11.4	PORT J1-J2
Passband (GHz)	12.6-18.0	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, 13.8-18.0 GHz	PORT J1-J2
Rejection:	50 dB minimum, 0-10.2 GHz	PORT J1-J3
Crossover Frequency	12.0 GHz \pm 0.12 GHz	
Crossover Insertion Loss	6.0 dB maximum	
Operating Power:	2 W CW maximum	

Connectors:

Model #:	Port 1	Port 2,3
DIP50518:	SMA Female	SMA Female
DIP50518-01:	SMA Male	SMA Female
DIP50518-02:	SMA Female	SMA Male
DIP50518-03:	SMA Male	SMA Male