



MAST - MICROWAVE ASSEMBLIES, SYSTEMS & TECHNOLOGIES

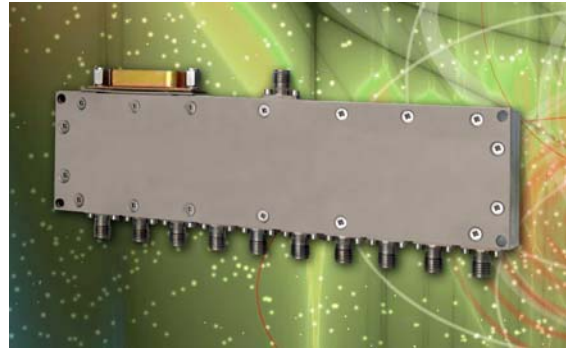
100 Davids Drive, Hauppauge, NY 11788
Tel: (631) 436-7400
FAX: (631) 436-9219

Digital SP10T Switch

MODEL: SW10-001145AN3NF

Features

Frequency	70MHz-14.5GHz
Insertion Loss:.....	7dB
Insertion Loss typ.....	<5dB
Input/Output VSWR.....	2.0:1 max.
Isolation.....	80 dB
Switching Speed.....	2uS max.(100ns typ)
DC power.....	+5VDC,-12VDC
Control input	10bit TTL



New Product Announcement
January 11, 2008

MITEQ, Inc. introduces an absorptive Single Pole Ten Throw Switch covering the frequency range from 70MHz to 14.5 GHz with a minimum of 80dB isolation and VSWR of 2.0:1 max. The 10 bit input control word is TTL compatible and commands switching time from 50% to 90% settling within 2uS. The power handling is 20dBm. Options available include an extended band and sub band versions covering the entire 70MHz GHz to 18.0 GHz range. Please consult the factory for further information.

MITEQ, Inc.
100 Davids Drive
Hauppauge, NY 17888
631-436-7400



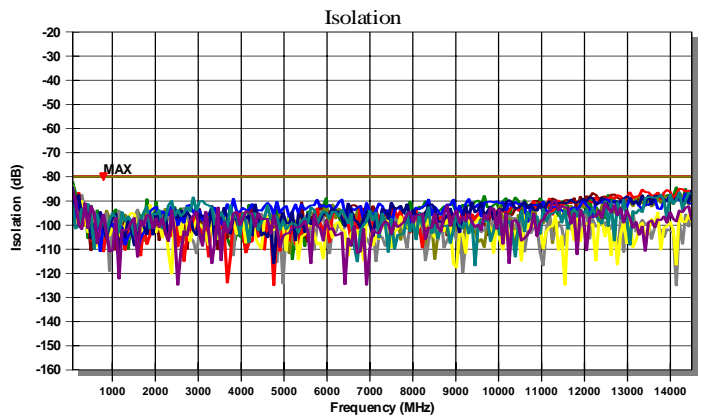
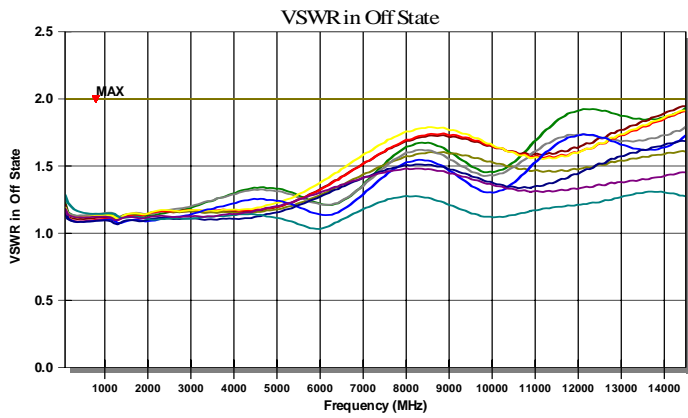
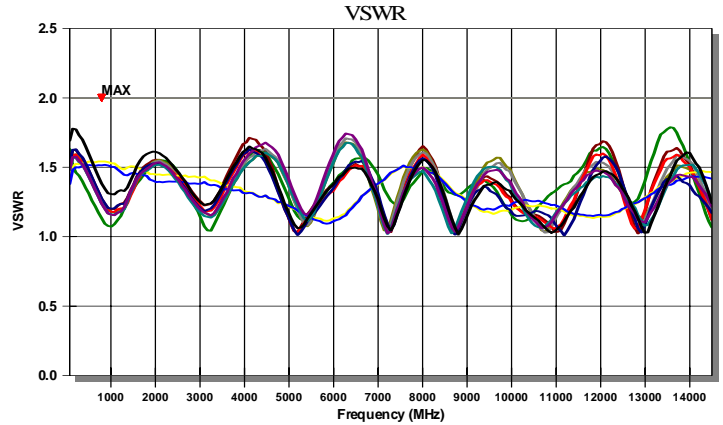
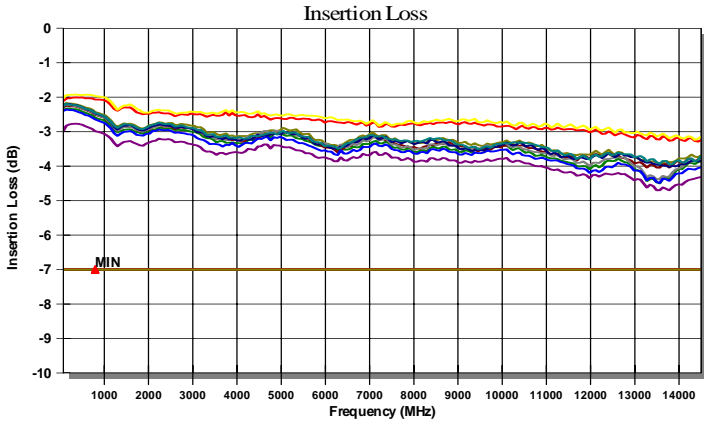
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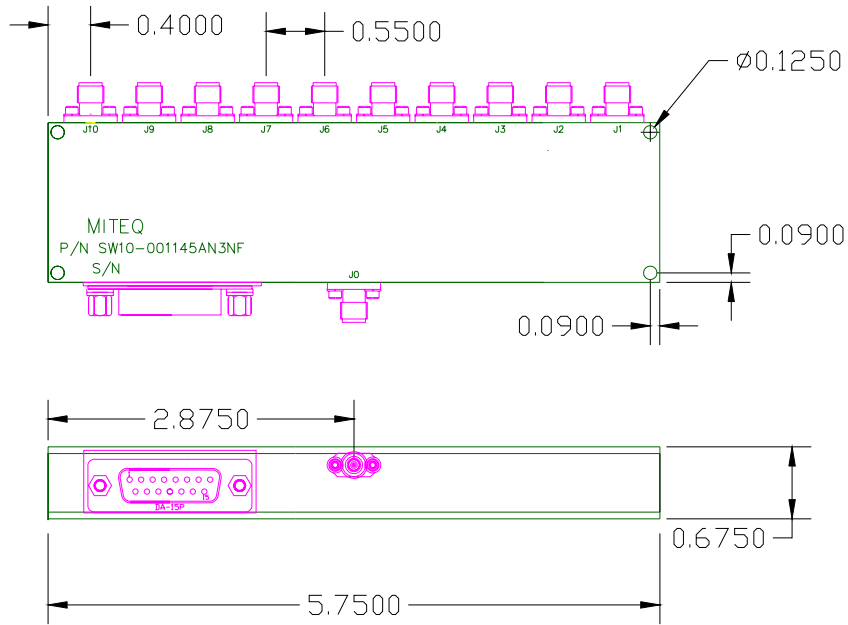
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Typical Test Data



Outline Drawing



TTL LOGIC "0" FOR PORT OFF
TTL LOGIC "1" FOR PORT ON

DA15P PIN #	Function
1	J1 CONTROL
2	J2 CONTROL
3	J3 CONTROL
4	J4 CONTROL
5	J5 CONTROL
6	J6 CONTROL
7	J7 CONTROL
8	J8 CONTROL
9	J9 CONTROL
10	J10 CONTROL
11	+5VDC
12	GND
13	GND
14	GND
15	-12VDC