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DESIGN & PRODUCTION ISO 9001 CERTIFIED QUALITY ASSURED FIRM

4x4 SWITCH MATRIX

SPECIFICATIONS:

* FREQUENCY RANGE:	**2.0÷6.0**	GHz
* INSERTION LOSS: .....2.0÷3.0 GHz	**4.2**	dB max.
* INSERTION LOSS: .....3.0÷6.0 GHz	**3.8**	dB max.
* NOISE FIGURE:	**4.2**	dB max.
* ISOLATION:		
1. RF {in to out} GHz	**57**	dB min.
2. RF TO CONTROL		dB min.
3. CONTROL TO RF {VIDEO LEAKAGE} :	**5.0**	mV p-p max
* VSWR:	**2.2:1**	max.

TTL CONTROL LOGIC:

S1	S2	S3	S4	INPUT to OUTPUT Insertion Loss
1	1	1	1	J1÷J5 ; J2÷J6 ; J3÷J7 ; J4÷J8
0	0	1	1	J1÷J6 ; J2÷J5 ; J3÷J8 ; J4÷J7
1	1	0	0	J1÷J8 ; J2÷J7 ; J3÷J6 ; J4÷J5
0	0	0	0	J1÷J7 ; J2÷J8 ; J3÷J5 ; J4÷J6

* SWITCHING SPEED:		
1. Ton - 50% TTL to 90% OF RF VOLTAGE	**1.5**	uSec max.
2. Toff - 50% TTL to 10% OF RF VOLTAGE	**1.5**	uSec max.
* SWITCHING RATE:		
1. PRF.	**0.5**	MHz max.
2. PULSE WIDTH		nSec min.

[ ] HOT SWITCHING [ ] COLD SWITCHING

* POWER HANDLING:					
1. CW at _____ DEG. C				**20**	dBm max.
2. PULSE at _____ DEG. C					mW max.
PULSE WIDTH					mm Sec. min.
DUTY CYCLE					%
* HARMONICS: min					dBc
* POWER SUPPLY:					
	230	mA	at	**+5.0**	VOLT
***OPTION**	*320	mA	at	*+5.5	VOLT
* DRIVER: YES					

* TEMPERATURE RANGE:				
STORAGE	**-60**	DEG. C TO	**+120**	DEG. C
OPERATING	**-30**	DEG. C TO	**+75**	DEG. C

NOTE: * POWER SUPPLY OPTION FOR BETER I.LOSS

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