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TRANSFER SWITCH

JA-2950-SK

PROJECT: 2456/6

SPECIFICATIONS:

* FREQUENCY RANGE: . . . . .	<u>2.0÷18.0</u>	GHz
* INSERTION LOSS: . . . . .	<u>3.0</u>	
* ISOLATION: . . . . .		
1. RF {in to out}	<u>50</u>	dB min.
2. RF TO CONTROL . . . . .		dB min.
3. CONTROL TO RF {VIDEO LEAKAGE}(measured with 300MHz scope)	<u>10</u>	mV p-p max
* VSWR: . . . . .	<u>2.0:1</u>	max.
TTL CONTROL LOGIC: <b>one control</b>		
	<u>"0"</u>	<b>J2+J3 &amp; J1+J4</b>
	<u>"1"</u>	<b>J1+J2 &amp; J3+J4</b>
* SWITCHING SPEED:		
1. Ton - 50% TTL to 90% OF RF VOLTAGE . . . . .	<u>500</u>	nSec max.
2. Toff - 50% TTL to 10% OF RF VOLTAGE . . . . .	<u>500</u>	nSec max.
* SWITCHING RATE:		
1. PRF. . . . .	<u>1.0</u>	MHz max.
2. PULSE WIDTH . . . . .		nSec min.
[ ] HOT SWITCHING    [ ] COLD SWITCHING		
* POWER HANDLING:		
1. CW . . . . . at _____ DEG. C . . . . .	<u>200</u>	mW max.
2. PULSE . . . . . at _____ DEG. C . . . . .		mW max.
PULSE WIDTH . . . . .		mm Sec. min.
DUTY CYCLE . . . . .		%
* HARMONICS: . . . . . at _____ mW POWER INPUT . . . . .		dBc
* POWER SUPPLY:		
	<u>80</u> mA at	<u>+5.0</u> VOLT
	<u>80</u> mA at	<u>-12.0</u> VOLT
* DRIVER: YES		
* TEMPERATURE RANGE:		
STORAGE . . . . .	<u>-65</u> DEG. C TO	<u>+125</u> DEG. C
OPERATING . . . . .	<u>-54</u> DEG. C TO	<u>+85</u> DEG. C

NOTE: