



Eyal Microwave Ltd.

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SPDT REF SWITCH

BR-4260-SK

SPECIFICATIONS:

* FREQUENCY RANGE:			<u>2.0 ÷ 18.0</u>	GHz
* INSERTION LOSS:	<u>2.0 ÷ 4.0</u>	GHz	<u>1.5</u>	dB max.
	<u>4.0 ÷ 8.0</u>	GHz	<u>1.7</u>	dB max.
	<u>8.0 ÷ 12.0</u>	GHz	<u>2.0</u>	dB max.
	<u>12.0 ÷ 18.0</u>	GHz	<u>2.5</u>	dB max.
* ISOLATION:	<u>2.0 ÷ 12.0</u>	GHz	<u>60</u>	dB min.
	<u>12.0 ÷ 18.0</u>	GHz	<u>60</u>	dB min.
2. RF TO CONTROL				dB min.
3. CONTROL TO RF {VIDEO LEAKAGE} :				mV p-p max
* VSWR:	<u>2.0 ÷ 12.0</u>	GHz	<u>1.7:1</u>	max
	<u>12.0 ÷ 18.0</u>	GHz	<u>2.0:0</u>	max
TTL CONTROL LOGIC:				
[X] INVERTING {0=I.L. 1=ISO.}				
[] NON-INVERTING {0=ISO. 1=I.L.}				
NO. OF CONTROL LINES FOR SPDT SWITCH [] ONE [] TWO				
* SWITCHING SPEED:				
1. Ton - 50% TTL to 90% OF RF VOLTAGE			<u>15</u>	nSec max.
2. Toff - 50% TTL to 10% OF RF VOLTAGE			<u>15</u>	nSec max.
* SWITCHING RATE:				
1. PRF.			<u>5.0</u>	MHz max.
2. PULSE WIDTH				nSec min.
[] HOT SWITCHING [] COLD SWITCHING				
* POWER HANDLING:				
1. CW at _____ DEG. C			<u>1.0</u>	W max.
2. PULSE at _____ DEG. C				mW max.
PULSE WIDTH				mm Sec. min.
DUTY CYCLE				%
* HARMONICS: at _____ mW POWER INPUT				dBc
* POWER SUPPLY: (WITH DRIVER)				
	<u>75</u>	mA at	<u>+5.0</u>	VOLT
	<u>50</u>	mA at	<u>-15.0</u>	VOLT
* TEMPERATURE RANGE:				
STORAGE	<u>-60</u>	DEG. C TO	<u>+120</u>	DEG. C
OPERATING	<u>-54</u>	DEG. C TO	<u>+85</u>	DEG. C

NOTE: 1 WATT SPDT