



Eyal Microwave Ltd.

Phone: 972-9-7499100 Fax: 972-9-7493669

Kibbutz Eyal D.N. Hasharon Hatichon 45840 Israel

Web: www.eyal-emi.com Email: emi@eyal-emi.com



SP5T REF SWITCH

ER-4660-SC

SPECIFICATIONS:

* FREQUENCY RANGE:		<u>2.0÷6.0</u>	GHz
* INSERTION LOSS:		<u>2.0</u>	dB max.
* ISOLATION:			
1. RF {in to out} GHz		<u>60</u>	dB min.
GHz			dB min.
GHz			dB min.
2. RF TO CONTROL			dB min.
3. CONTROL TO RF {VIDEO LEAKAGE} :			mV p-p max
* VSWR:		<u>1.7:1</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>50</u>	nSec max.
2. Toff - 50% TTL to 10% OF RF VOLTAGE		<u>50</u>	nSec max.
* SWITCHING RATE:			
1. PRF.		<u>2.0</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:			
	<u>140</u> mA at	<u>+5.0</u>	VOLT
	<u>50</u> mA at	<u>-15.0</u>	VOLT
* DRIVER: YES			
* 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 SP5T