



# Eyal Microwave Ltd.

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## SP5T REF SWITCH

## ER-2560-VL

### SPECIFICATIONS:

* FREQUENCY RANGE: . . . . .		<b><u>0.1÷2.0</u></b>	GHz
* INSERTION LOSS: . . . . .		<b><u>1.5</u></b>	dB max.
* ISOLATION: . . . . .			
1. RF {in to out} . . . . .	GHz . . . . .	<b><u>60</u></b>	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: . . . . .		<b><u>2.0:1</u></b>	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 . . . . .		<b><u>35</u></b>	nSec max.
2. Toff - 50% TTL to 10% OF RF VOLTAGE . . . . .		<b><u>35</u></b>	nSec max.
* SWITCHING RATE:			
1. PRF . . . . .		<b><u>4.0</u></b>	MHz max.
2. PULSE WIDTH . . . . .			nSec min.
[ ] HOT SWITCHING [ ] COLD SWITCHING			
* POWER HANDLING:			
1. CW . . . . .	at _____ DEG. C . . . . .	<b><u>200</u></b>	mW max.
2. PULSE . . . . .	at _____ DEG. C . . . . .		mW max.
	PULSE WIDTH . . . . .		mm Sec. min.
	DUTY CYCLE . . . . .		%
* HARMONICS: . . . . .	at _____ mW POWER INPUT . . . . .		dBc
* POWER SUPPLY:			
	<b><u>140</u></b> mA at	<b><u>+5.0</u></b>	VOLT
	<b><u>90</u></b> mA at	<b><u>-12.0</u></b>	VOLT
* DRIVER: YES			
* TEMPERATURE RANGE:			
STORAGE . . . . .	<b><u>-60</u></b> DEG. C TO	<b><u>+120</u></b>	DEG. C
OPERATING . . . . .	<b><u>-54</u></b> DEG. C TO	<b><u>+85</u></b>	DEG. C

NOTE: