



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



SPST REF SWITCH

AR-2280-SK

SPECIFICATIONS:

* FREQUENCY RANGE:			2.0 ÷ 18.0	GHz
* INSERTION LOSS:	2.0 ÷ 4.0	GHz	1.3	dB max.
	4.0 ÷ 8.0	GHz	1.5	dB max.
	8.0 ÷ 12.0	GHz	1.9	dB max.
	12.0 ÷ 18.0	GHz	2.5	dB max.
* ISOLATION:	2.0 ÷ 4.0	GHz	80	dB min.
	4.0 ÷ 8.0	GHz	80	dB min.
	8.0 ÷ 12.0	GHz	80	dB min.
	12.0 ÷ 18.0	GHz	80	dB min.
2. RF TO CONTROL				dB min.
3. CONTROL TO RF {VIDEO LEAKAGE} :				mV p-p max
* VSWR:	2.0 ÷ 4.0	GHz	1.8:1	max.
	4.0 ÷ 8.0	GHz	1.9:1	max.
	8.0 ÷ 18.0	GHz	2.0:1	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			15	nSec max.
2. Toff - 50% TTL to 10% OF RF VOLTAGE			15	nSec max.
* SWITCHING RATE:				
1. PRF			5.0	MHz max.
2. PULSE WIDTH				nSec min.
[] HOT SWITCHING [] COLD SWITCHING				
* POWER HANDLING:				
1. CW at _____ DEG. C			500	mW 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)				
	50	mA at	+5.0	VOLT
	40	mA at	-12.0	VOLT
* TEMPERATURE RANGE:				
STORAGE	-60	DEG. C TO	+120	DEG. C
OPERATING	-54	DEG. C TO	+85	DEG. C

NOTE: