



PHOTO REFLECTORS

PART No:SY-CR103

Absolute Maximum Ratings

(Ta=25°C)

Parameter	Symbol	Conditions	Ckt	Min	Max	Units
Photocurrent	1 C1	IF=20mA VCE=5.0V d=0.04 RL=20K	5.1	0.230		MA
Photocurrent	1 C2	IF=20mA VCE=5.0V RL=0	5.1			
Saturation	VCE (SAT)	IF=20 mA d=0.04 in RL=20K	5.1		0.4	Volts
Cross Talk	Icx	IF=20 mA VCE=5.0V	5.2		1.0	uA
Dark Current	ICEO	IF=0 mA VCE=5.0V			100	nA
Forward Voltage Drop Source	VF	IF= 20 mA			1.7	Volts
Emitter Collector Breakdown Voltage	VECO(BR)	ICE=1 mA*		-3.0		Volts
Collector Emitter Breakdown Voltage	VECO(BR)	ICE=1.0 mA*		12		Volts
Rise Time	tr	IF=20 mA VCE=5V RL=20K D=0.04	5.1		1	msec
Fall Time	tr	IF=20 mA VCE=5V RL=20K D=0.04	5.1		1	msec