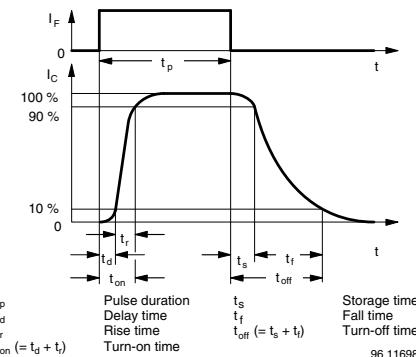
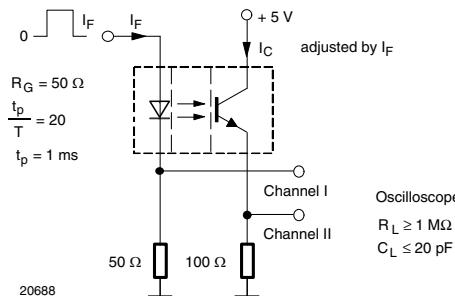
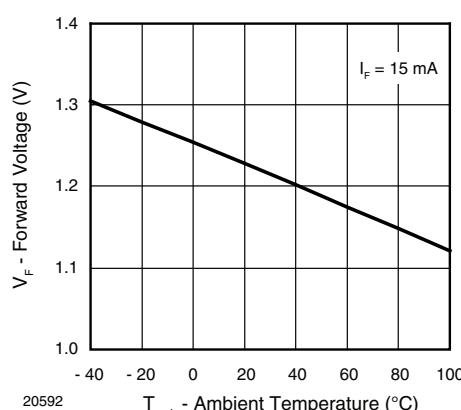
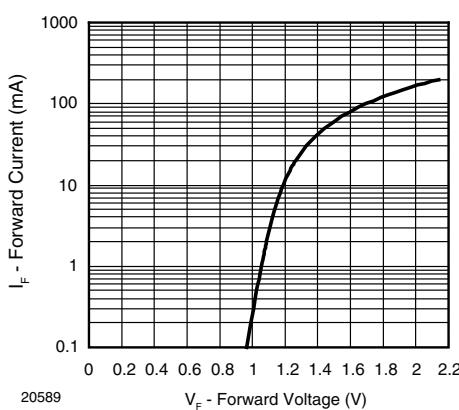


BASIC CHARACTERISTICS ($T_{amb} = 25^\circ C$, unless otherwise specified)						
PARAMETER	TEST CONDITION	SYMBOL	MIN.	TYP.	MAX.	UNIT
COUPLER						
Collector current	$V_{CE} = 5 V$, $I_F = 15 mA$	I_C	300	600		μA
Collector emitter saturation voltage	$I_F = 15 mA$, $I_C = 0.05 mA$	V_{CESat}			0.4	V
INPUT (EMITTER)						
Forward voltage	$I_F = 15 mA$	V_F	1	1.2	1.4	V
Reverse current	$V_R = 5 V$	I_R			10	μA
Junction capacitance	$V_R = 0 V$, $f = 1 MHz$	C_J		25		pF
OUTPUT (DETECTOR)						
Collector emitter voltage I_C	$I_C = 1 mA$	V_{CEO}	20			V
Emitter collector voltage	$I_E = 100 \mu A$	V_{ECO}	7			V
Collector dark current	$V_{CE} = 25 V$, $I_F = 0 A$, $E = 0 lx$	I_{CEO}		1	100	nA
SWITCHING CHARACTERISTICS						
Rise time	$I_C = 0.3 mA$, $V_{CE} = 5 V$, $R_L = 100 \Omega$ (see figure 3)	t_r		20	150	μs
Fall time	$I_C = 0.3 mA$, $V_{CE} = 5 V$, $R_L = 100 \Omega$ (see figure 3)	t_f		30	150	μs



BASIC CHARACTERISTICS ($T_{amb} = 25^\circ C$, unless otherwise specified)



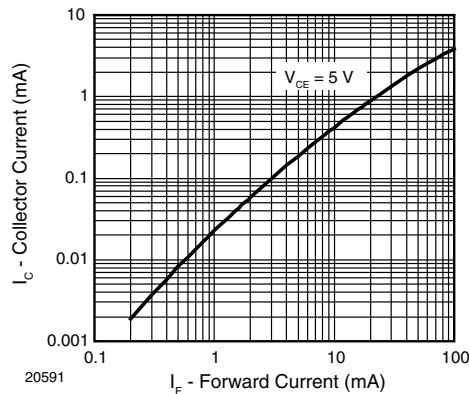


Fig. 7 - Collector Current vs. Forward Current

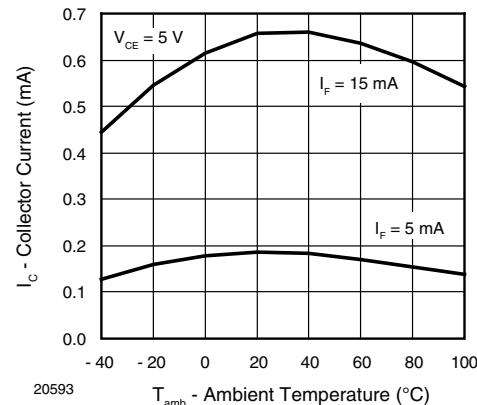


Fig. 10 - Collector Current vs. Ambient Temperature

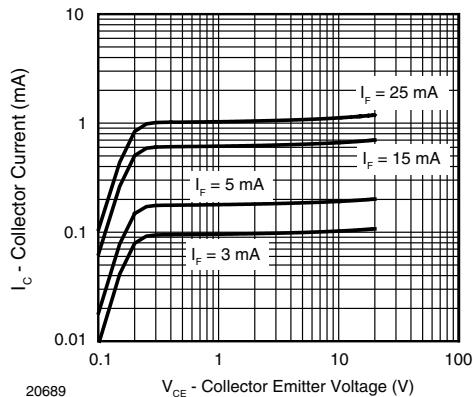


Fig. 8 - Collector Current vs. Collector Emitter Voltage

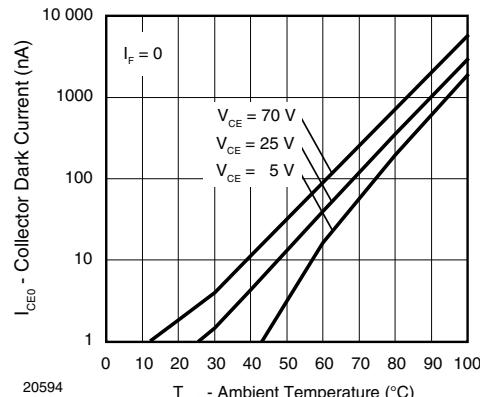


Fig. 11 - Collector Dark Current vs. Ambient Temperature

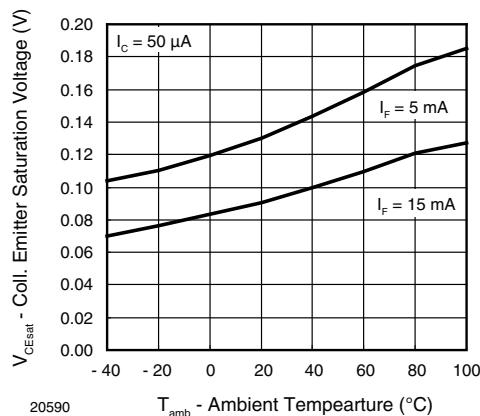


Fig. 9 - Collector Emitter Saturation Voltage vs. Ambient Temperature

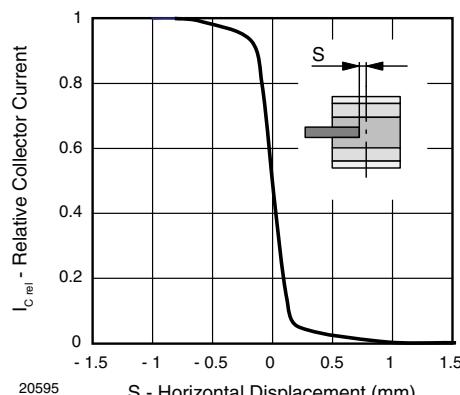


Fig. 12 - Relative Collector Current vs. Horizontal Displacement