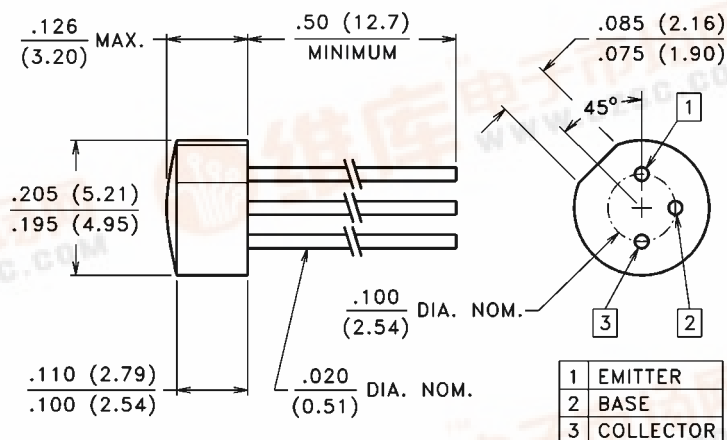


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VTT9002, 9003



PRODUCT DESCRIPTION

ABSOLUTE MAXIMUM RATINGS

(1.6 mm from case, 5 sec. max.)

Part Number ■	Light Current			Dark Current		Collector Breakdown	Emitter Breakdown	Saturation Voltage	Rise/Fall Time	Angular Response $\theta_{1/2}$
	I_C			I_{CE0}		$V_{BR(CEO)}$	$V_{BR(ECO)}$	$V_{CE(SAT)}$	t_R/t_F	
	mA		H fc (mW/cm ²) $V_{CE} = 5.0\text{ V}$	$H = 0$		$I_C = 100\text{ }\mu\text{A}$ $H = 0$	$I_E = 100\text{ }\mu\text{A}$ $H = 0$	$I_C = 1.0\text{ mA}$ $H = 400\text{ fc}$	$I_C = 1.0\text{ mA}$ $R_L = 100\text{ }\Omega$	
	Min.	Max.		(nA) Max.	V_{CE} (Volts)	Volts, Min.	Volts, Min.	Volts, Max.	$\mu\text{sec, Typ.}$	Typ.
VTT9002	2.0	—	100 (5)	100	10	30	6.0	0.55	4.0	$\pm 50^\circ$
VTT9003	5.0	—	100 (5)	100	10	30	6.0	0.55	6.0	$\pm 50^\circ$

■ Refer to General Product Notes, page 2.

