

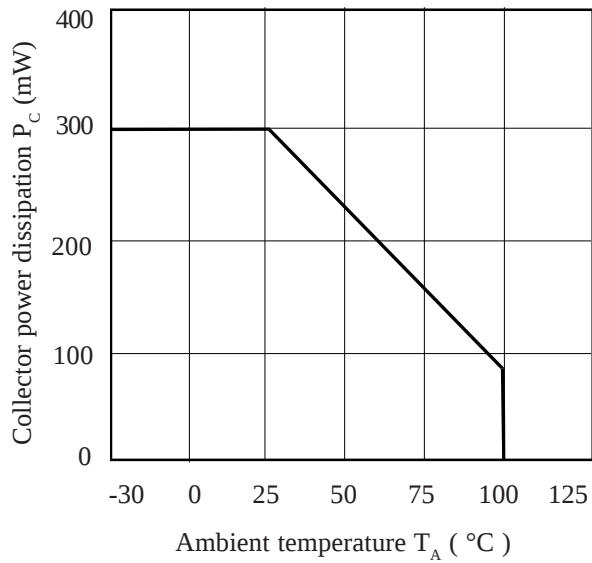
ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ Unless otherwise noted)

PARAMETER		MIN	TYP	MAX	UNITS	TEST CONDITION
Input	Forward Voltage (V_F)		1.2	1.5	V	$I_F = \pm 10\text{mA}$
Output	Collector-emitter Breakdown (BV_{CEO}) (note 2)	35			V	$I_C = 0.1\text{mA}$
	Collector-base Breakdown (BV_{CBO})	35			V	$I_C = 100\mu\text{A}$
	Emitter-base Breakdown (BV_{EBO})	6			V	$I_E = 100\mu\text{A}$
	Emitter-collector Breakdown (BV_{ECO})	6			V	$I_E = 10\mu\text{A}$
	Collector-emitter Dark Current (I_{CEO})			100	nA	$V_{CE} = 20\text{V}$
Coupled	Current Transfer Ratio (CTR) (note 2)					
	H11AA4	100			%	$\pm 10\text{mA } I_F, 10\text{V } V_{CE}$
	H11AA3	50			%	$\pm 10\text{mA } I_F, 10\text{V } V_{CE}$
	H11AA1	20			%	$\pm 10\text{mA } I_F, 10\text{V } V_{CE}$
	H11AA2	10			%	$\pm 10\text{mA } I_F, 10\text{V } V_{CE}$
	Collector-emitter Saturation Voltage $V_{CE(SAT)}$			0.4	V	$\pm 10\text{mA } I_F, 0.5\text{mA } I_C$
	Input to Output Isolation Voltage V_{ISO}	5300			V_{RMS}	See note 1
		7500			V_{PK}	See note 1
Coupled	Input-output Isolation Resistance R_{ISO}	5×10^{10}			Ω	$V_{IO} = 500\text{V}$ (note 1)
	Rise Time, t_r		4		μs	$V_{CE} = 2\text{V}, I_C = 2\text{mA}$
	Fall Time, t_f		3		μs	$R_L = 100\Omega$

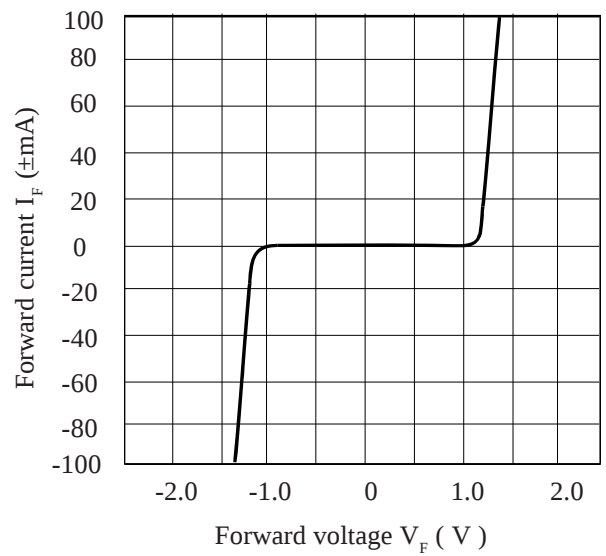
Note 1 Measured with input leads shorted together and output leads shorted together.

Note 2 Special Selections are available on request. Please consult the factory.

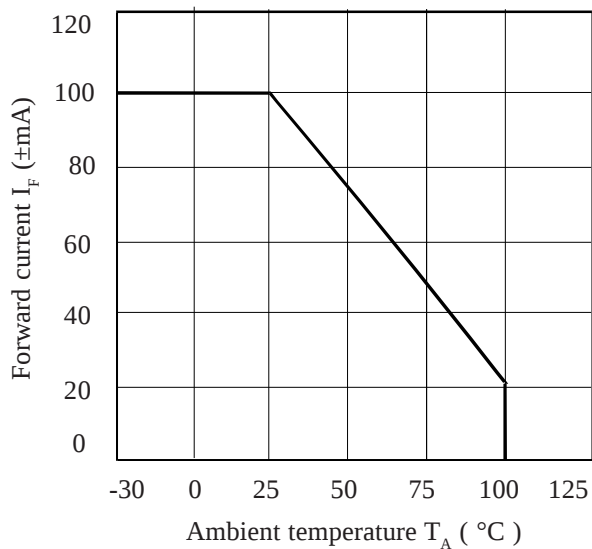
Collector Power Dissipation vs. Ambient Temperature



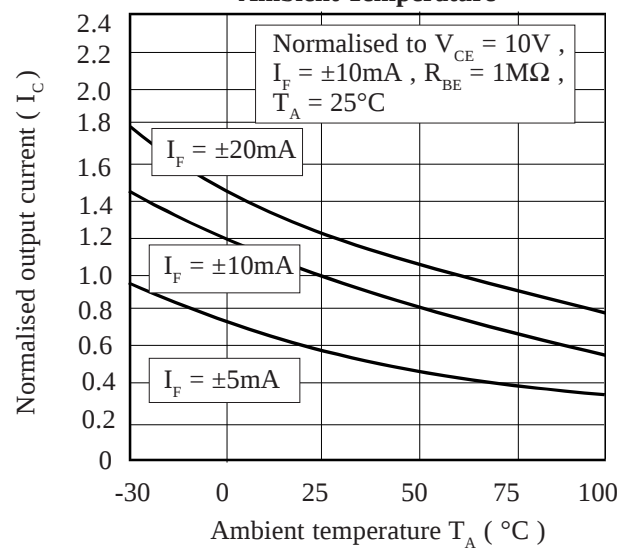
Forward Current vs. Forward Voltage



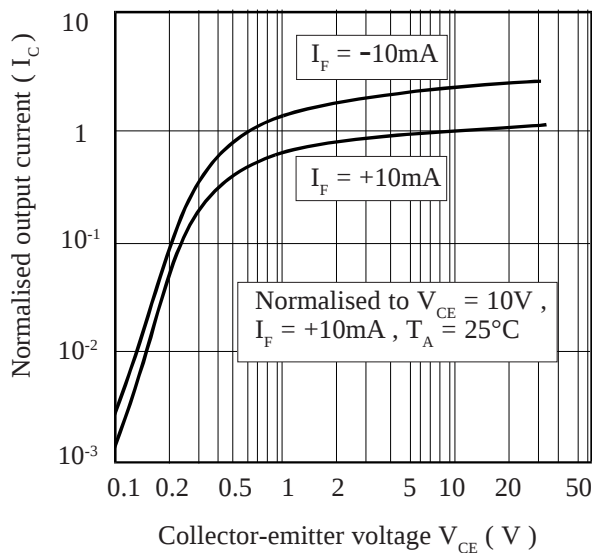
Forward Current vs. Ambient Temperature



Normalised Output Current vs. Ambient Temperature



Normalised Output Current vs. Collector-emitter Voltage



Normalised Output Current vs. Forward Current

