



(Ta=25 Unless otherwise specified)

Supply Voltage	V_{CC}	V		-50
Input Voltage	V_{IN}	V		-12 to +5
Output Current	I_O	mA		-100
Power Dissipation	P_D	mW		150
Junction Temperature	T_j			150
Storage Temperature	T_{STG}			-55 to +150

(Ta=25 unless otherwise specified)

Input voltage	$V_{I(off)}$	V	$V_{CC}=-5V, I_c=-100\mu A$	-0.5	-	-
	$V_{I(on)}$	V	$V_O=-0.3V, I_c=-5mA$	-	-	-1.1
Output voltage	$V_{O(on)}$	V	$I_O / I_i = -5mA / -0.25 mA$	-	-	-0.3
Input current	I_i	mA	$V_i = -5V$	-	-	-3.6
Output current	$I_{O(off)}$	μA	$V_{CC} = -50V, V_i = 0$	-	-	-0.5
DC current gain	G_i		$V_O = -5V, I_O = -10mA$	80	-	-
Input resistance	R_1	k		1.54	2.2	2.86
Resistance ratio	R_2/R_1			17	21	26
Transition frequency	f_T	MHz	$V_{CE} = -10V, I_E = -5mA, f = 100MHz$			

(Typical)

Fig. 1 - DC Current Gain Characteristics

Fig. 2 - Input Voltage (on) Characteristics

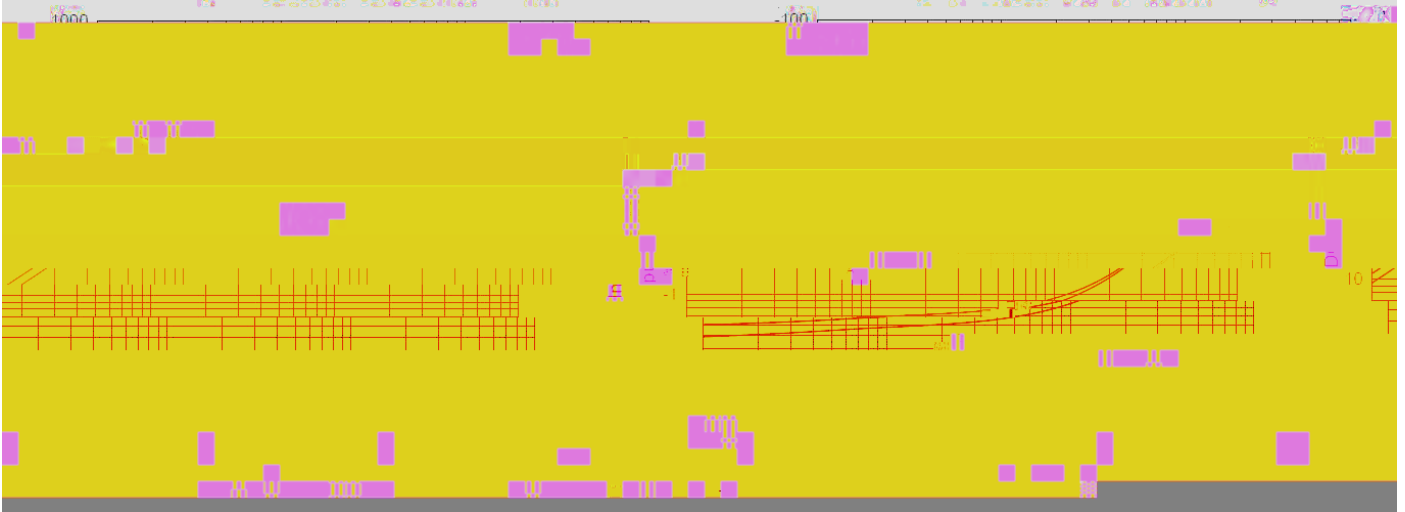
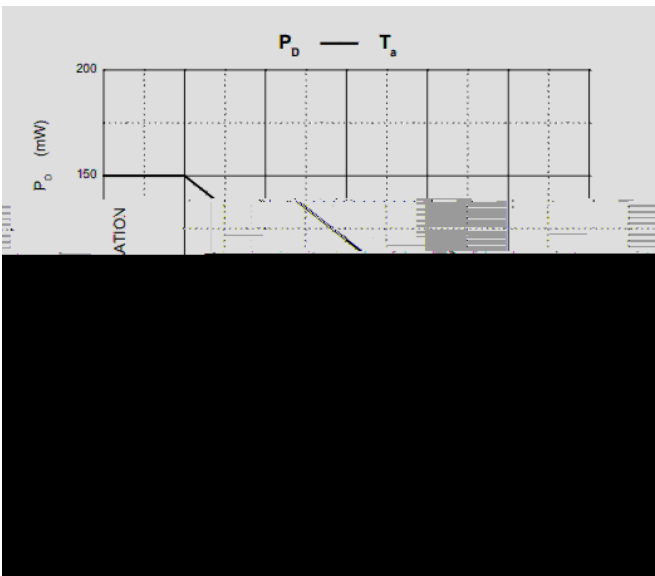
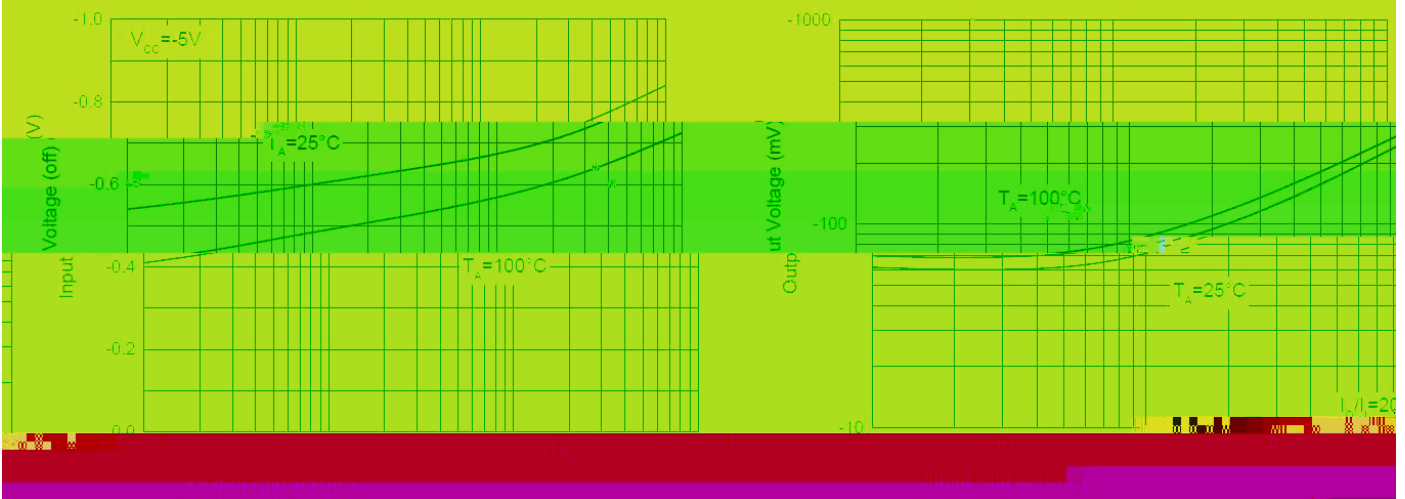
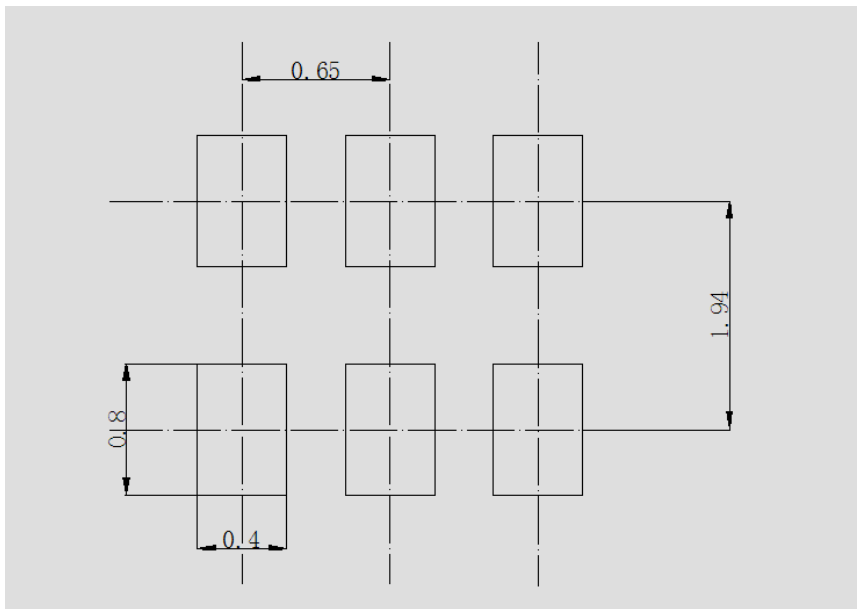
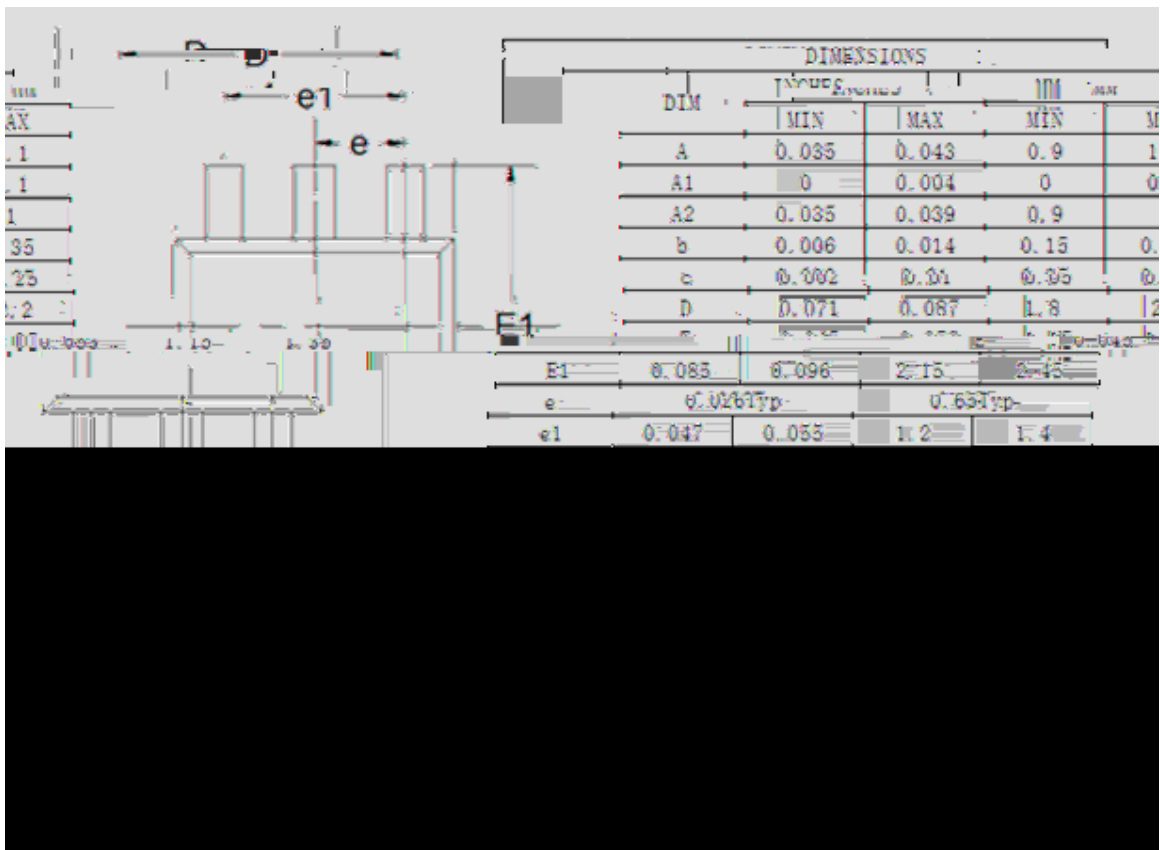


Fig. 3 - Input Voltage (off) Characteristics

Fig. 4 - Output Voltage Characteristics





Unit mm



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