





(Ta=25 Unless otherwise specified)

Supply Voltage	V_{CC}	V		50
Input Voltage	V_{IN}	V		-7 to +20
Output Current	I_O	mA		100
Power Dissipation	P_D	mW		150
Junction Temperature Single	T_j			150
Storage Temperature	T_{STG}			-55 to +150

Supply Voltage	V_{CC}	V		-50
Input Voltage	V_{IN}	V		-20 to +7
Output Current	I_O	mA		-100
Power Dissipation	P_D	mW		150
Junction Temperature	T_j			150
Storage Temperature	T_{STG}			-55 to +150

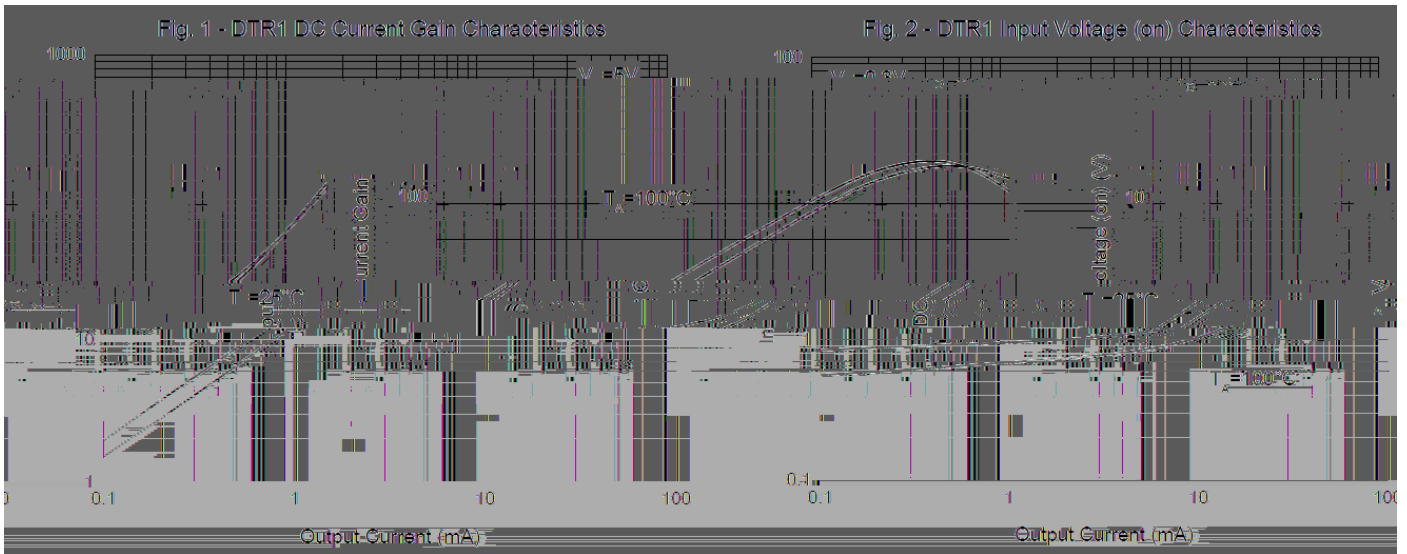


Input voltage	$V_{I(off)}$	V	$V_{CC}=-5V, I_c=-100\mu A$	-0.3		
	$V_{I(on)}$	V	$V_O=-0.3V, I_c=-20mA$			-2.5
Output voltage	$V_{O(on)}$	V	$I_o / I_i = -10mA / -0.5 mA$			-0.3
Input current	I_i	mA	$V_i = -5V$			-1.8
Output current	$I_{O(off)}$	μA	$V_{CC} = -50V, V_i = 0$			-0.5
DC current gain	G_i		$V_o = -5V, I_o = -10mA$	30		
Input resistance	R_1	k		3.29	4.7	6.11
Resistance ratio	R_2/R_1			1.7	2.1	2.6
Transition frequency	f_T	MHz	$V_{CE} = -10V, I_E = -5mA, f = 100MHz$		250	

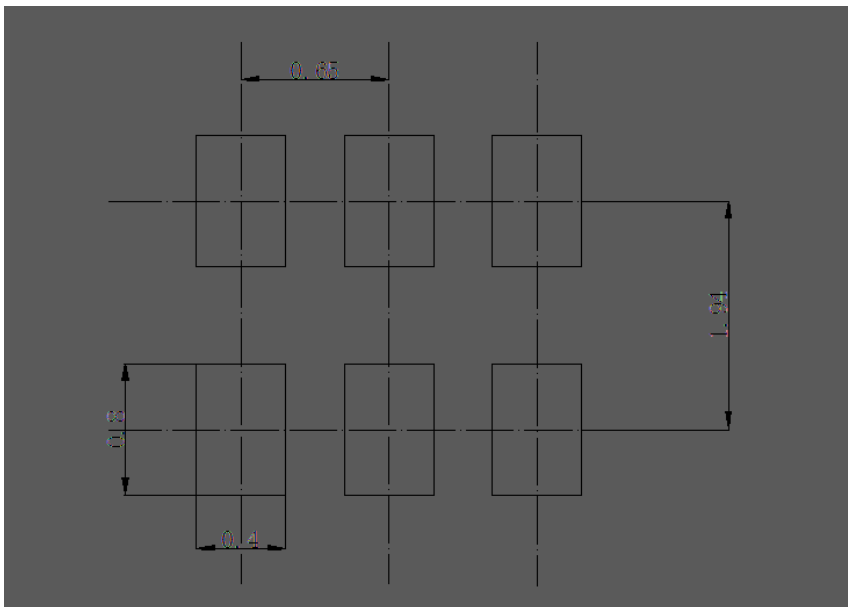
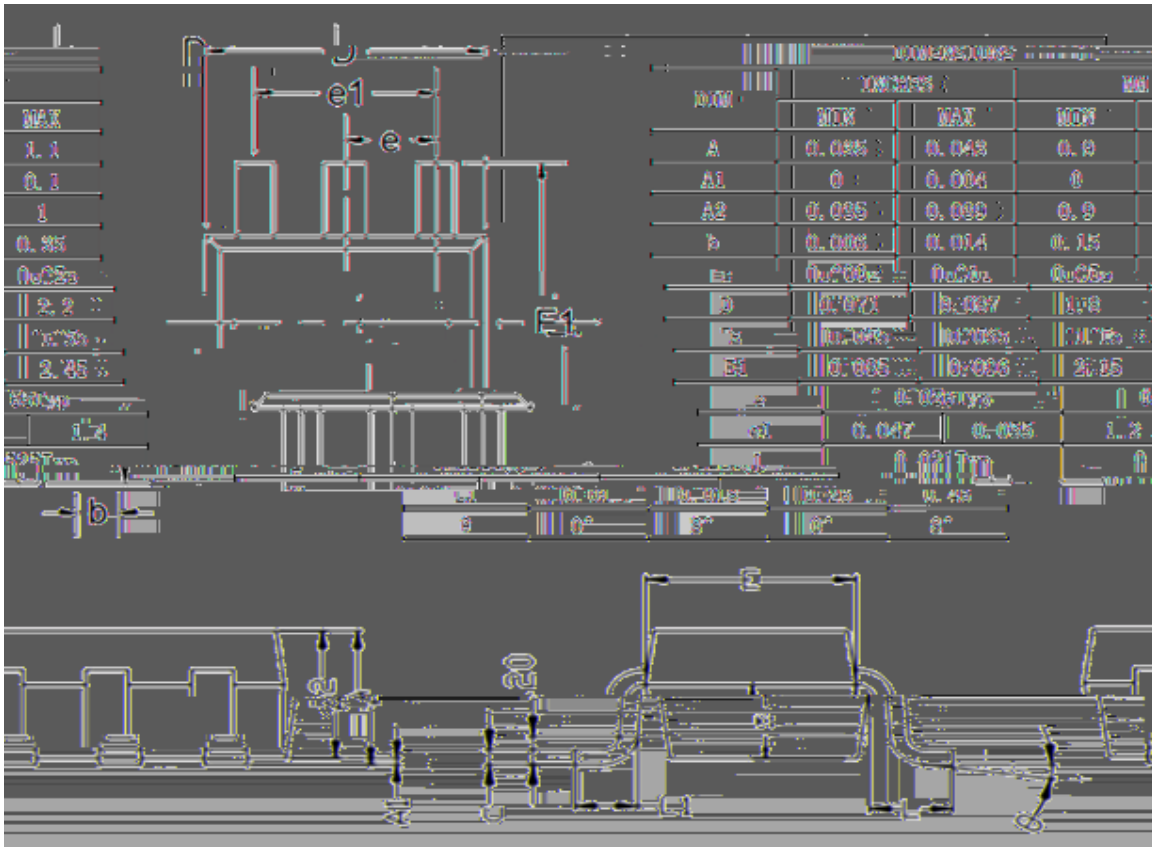
(Example)

UMD18N	F2	Approximate 0.009g	3000	30000	120000	7" reel

(Typical)







Unit mm



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