



UMH20N

Maximum Ratings (Ta=25 Unless otherwise specified)

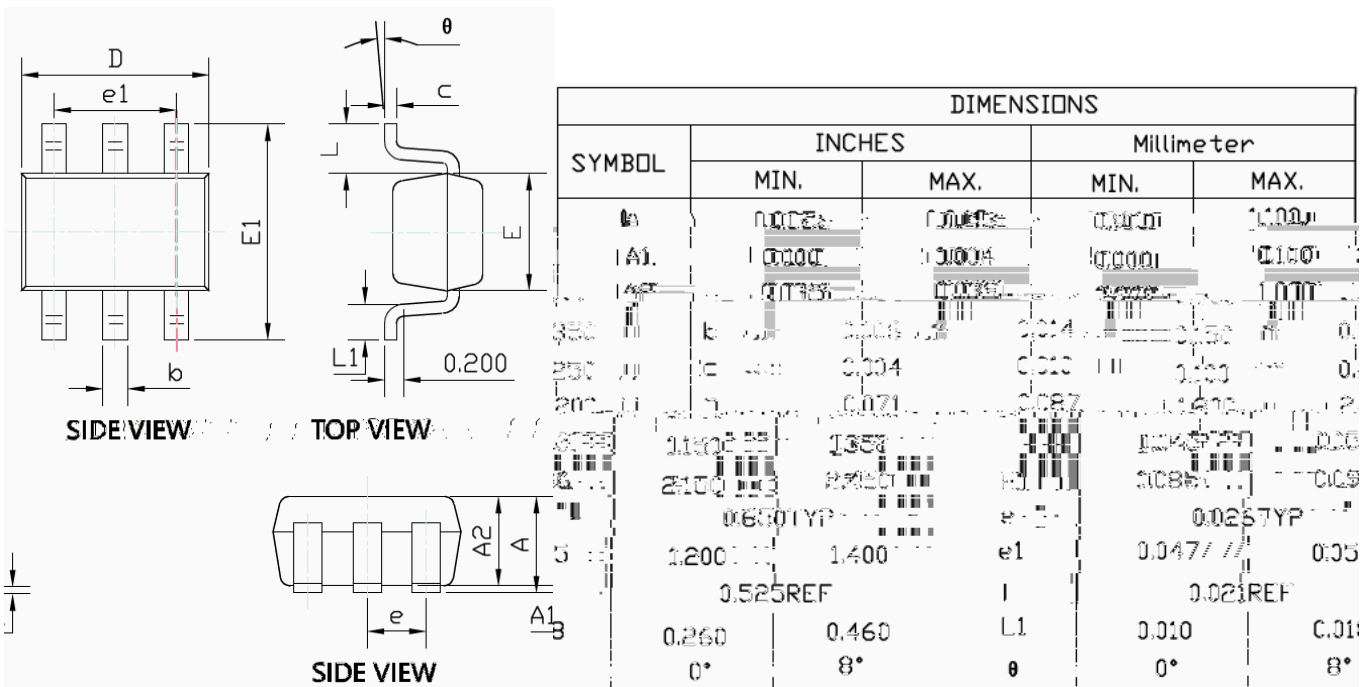
ITEM	SYMBOL	UNIT	CONDITIONS	VALUE
Supply Voltage	V_{CC}	V		50
Input Voltage	V_{IN}	V		-10 to +12
Output Current	I_o	mA		100
Power Dissipation	P_G	mW		200
Junction Temperature Single	T_j			150
Storage Temperature	T_{STG}			-55 to +150

Electrical Characteristics (Ta=25 unless otherwise specified)

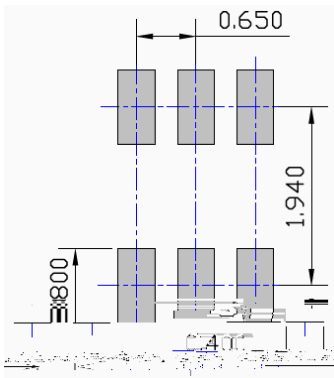
ITEM	SYMBOL	UNIT	CONDITIONS	MIN	TYP	MAX
Input voltage	$V_{I(off)}$	V	$V_{CC}=5V, I_c=100\mu A$	0.5	-	-
	$V_{I(on)}$	V	$V_o=0.3V, I_c=20mA$	-	-	3
Output voltage	$V_{O(on)}$	V	$I_o / I_i = 10mA / 0.5 mA$	-	-	0.3
Input current	I_i	mA	$V_i=5V$	-	-	3.8
Output current	$I_{O(off)}$	μA	$V_{CC}=50V, V_i=0$	-	-	0.5



SOT-363 Package Outline Dimensions



SOT-363 Suggested Pad Layout





Disclaimer

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