





# 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

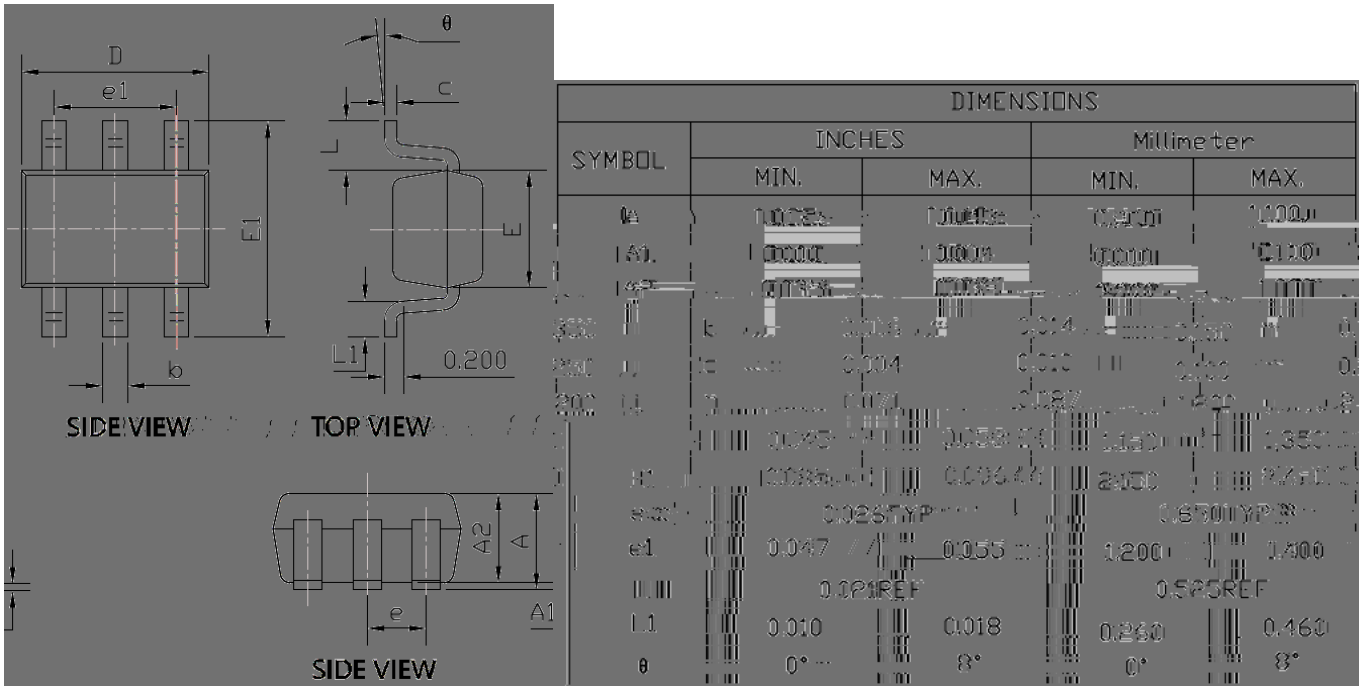
## Electrical Characteristics (Ta=25 unless otherwise specified)

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	$I_{O(off)}$	$\mu A$	$V_{CC}=50V, V_i=0$	-	-	0.5

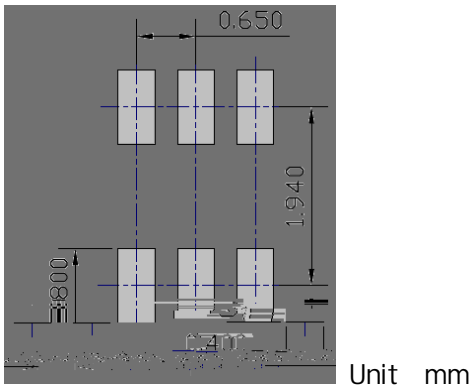




SOT-363 Package Outline Dimensions



SOT-363 Suggested Pad Layout





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