



Moisture sensitivity level 1
Halogen free and RoHS compliant
Surface mount package ideally suited for automatic Insertion

Signal amplification
Switching circuit

SOT-23
Tin plated leads, solderable per
J-STD-002 and JESD22-B102

				-55 to +150
Storage temperature	T _{STG}			-55 to +150

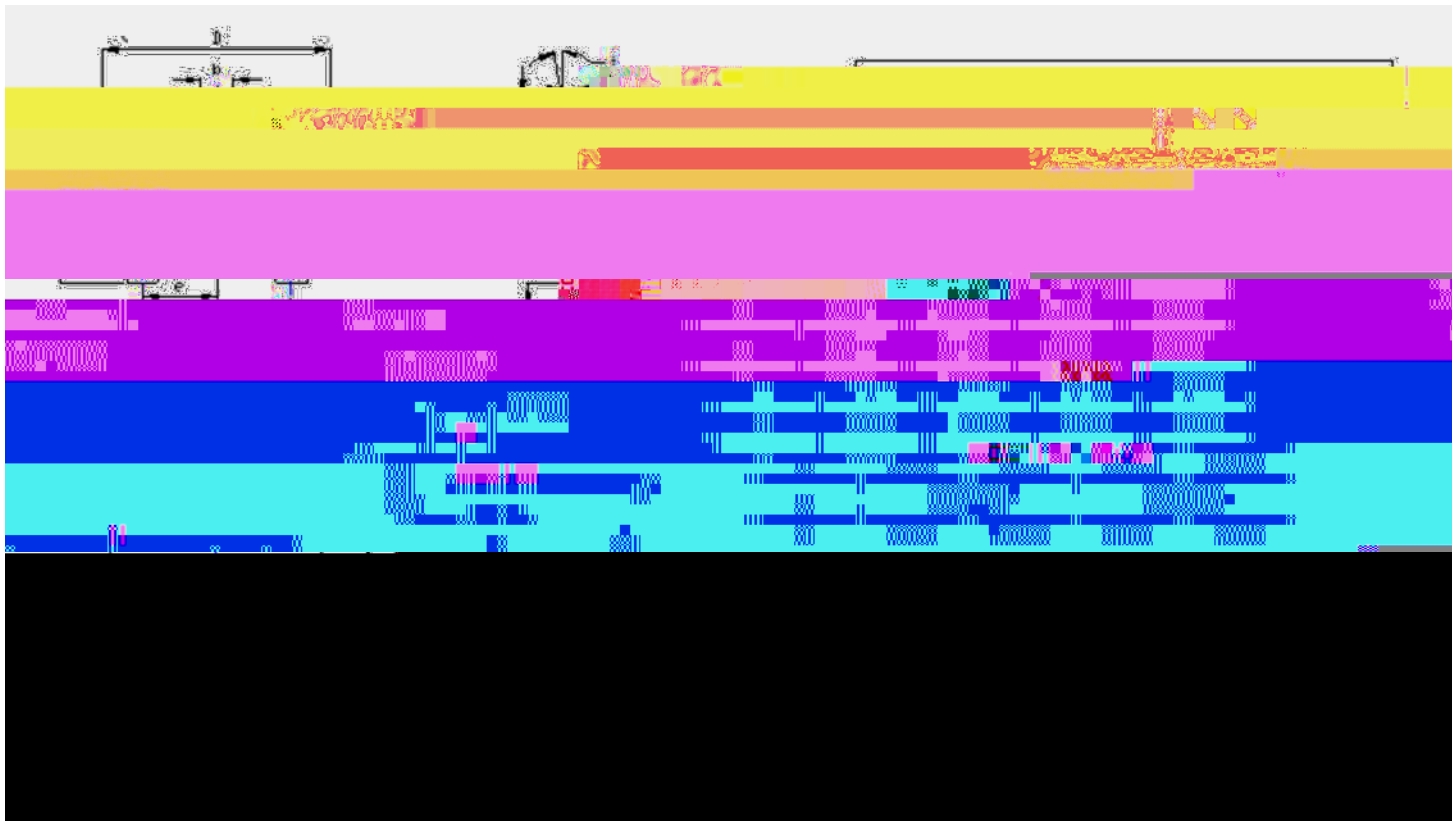


($T_a=25$ Unless otherwise specified)

Input voltage	$V_{I(off)}$	V	$V_{CC}=-5V, I_c=-100\mu A$	-0.3		
	$V_{I(on)}$	V	$V_0=-0.3V, I_c=-20mA$			-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
DC current gain	GI		$V_0=-5V, I_o = -10mA$	33		
Input resistance	R_1	k Ω		1.54	2.2	2.86
Resistance ratio	R_2/R_1			3.6	4.5	5.5
Transition frequency	fT	MHz	$V_0=-10V, I_o=-5 >$	.8		d



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The information presented in this document is for reference onl