



INTEGRATED CIRCUIT

TECHNICAL DATA

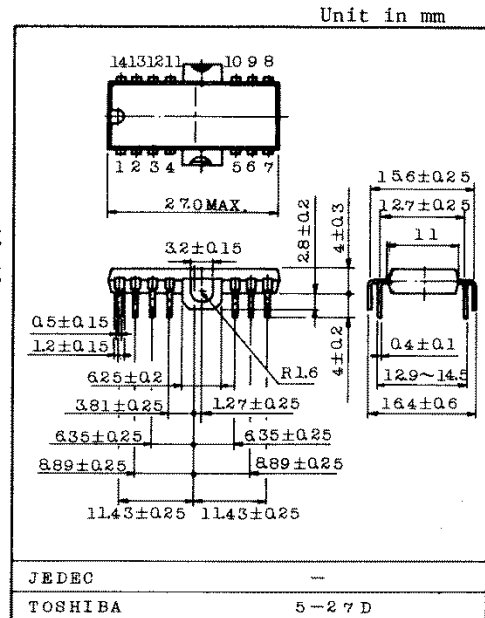
TA7223P

TOSHIBA BIPOLAR LINEAR INTEGRATED CIRCUIT
SILICON MONOLITHIC

AMPLIFIER SYSTEM

FOR CASSETTE TAPE RECORDER

- Recording, Playback for Pre-Amplifier
- Buffer Amplifier (Recording Output Amplifier)
- Power Amplifier
- Output Power :
 - $P_{OUT}=1.0W$ (Typ.) at $V_{CC}=6V$, $R_L=4\Omega$, THD=10%
 - $P_{OUT}=0.6W$ (Typ.) at $V_{CC}=6V$, $R_L=8\Omega$, THD=10%
- Low Distortion and Wide Dynamic Range
- Negligible Small Turn-on "POP" Noise
- Wide Operating Supply Voltage Range :
 - $V_{CC}=3.9 \sim 9V$
- Recommended Operating Supply Voltage :
 - $V_{CC}=6V, 7.5V, 9V$



MAXIMUM RATINGS (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Supply Voltage	V _{CC}	14	V
Output Current (Peak)	I _O (peak)	1.8	A
Power Dissipation	P _D	2.8	W
Operating Temperature	T _{opr}	-20 ~ 75	°C
Storage Temperature	T _{stg}	-55 ~ 150	°C

BLOCK DIAGRAM

