



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 :

$$P_{OUT}=1.0W(\text{Typ.}) \text{ at } V_{CC}=6V, R_L=4\Omega, \text{THD}=10\%$$

$$P_{OUT}=0.6W(\text{Typ.}) \text{ at } V_{CC}=6V, R_L=8\Omega, \text{THD}=10\%$$

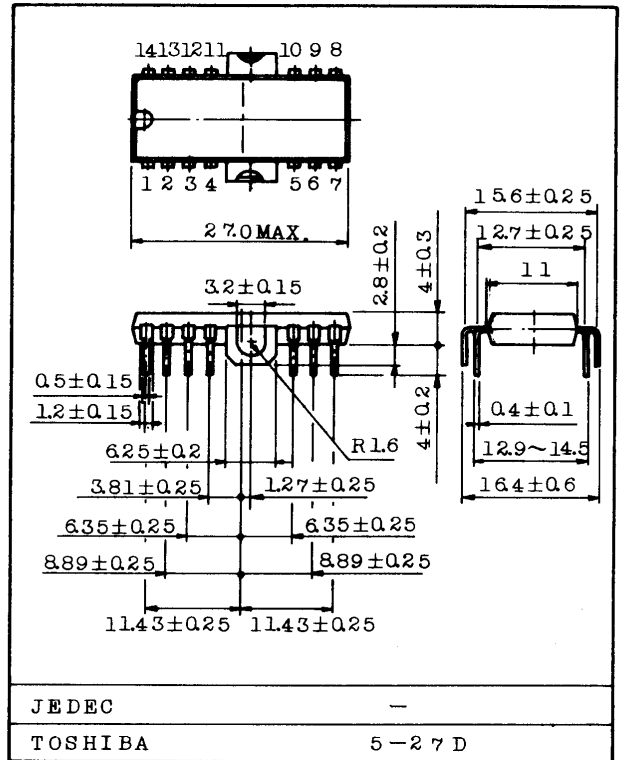
- Low Distortion and Wide Dynamic Range
- Negligible Small Turn-on "POP" Noise
- Wide Operating Supply Voltage Range :

$$V_{CC}=3.9 \sim 9V$$

- Recommended Operating Supply Voltage :

$$V_{CC}=6V, 7.5V, 9V$$

Unit in mm



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

