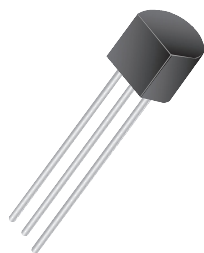
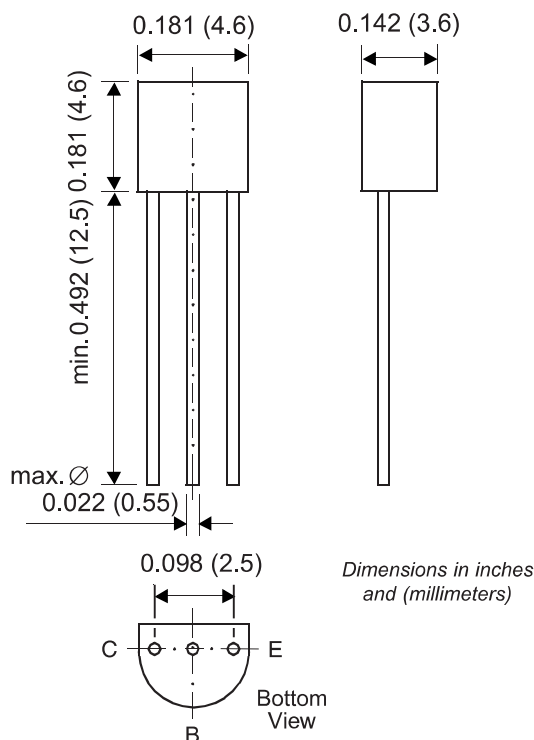


## Small Signal Transistors (PNP)



TO-226AA (TO-92)



### Features

- PNP Silicon Epitaxial Planar Transistors for switching and amplifier applications. Especially suitable for AF-driver stages and low-power output stages.
- These types are also available subdivided into three groups, -16, -25, and -40, according to their DC current gain. As complementary types, the NPN transistors BC327 and BC338 are recommended.
- On special request, these transistors are also manufactured in the pin configuration TO-18.

### Mechanical Data

**Case:** TO-92 Plastic Package

**Weight:** approx. 0.18g

**Packaging Codes/Options:**

E6/Bulk – 5K per container, 20K/box

E7/4K per Ammo mag., 20K/box

### Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

Parameter	Symbol	Value	Unit
Collector-Emitter Voltage	BC327 BC328	50 30	V
Collector-Emitter Voltage	BC327 BC328	45 25	V
Emitter-Base Voltage	–V <sub>EB0</sub>	5	V
Collector Current	–I <sub>C</sub>	800	mA
Peak Collector Current	–I <sub>CM</sub>	1	A
Base Current	–I <sub>B</sub>	100	mA
Power Dissipation at T <sub>amb</sub> = 25°C	P <sub>tot</sub>	625 <sup>(1)</sup>	mW
Thermal Resistance Junction to Ambient Air	R <sub>θJA</sub>	200 <sup>(1)</sup>	°C/W
Junction Temperature	T <sub>j</sub>	150	°C
Storage Temperature Range	T <sub>s</sub>	–65 to +150	°C

**Note:** (1) Valid provided that leads are kept at ambient temperature at a distance of 2mm from case.