

PNP Medium power transistors

BSR30/BSR31/BSR33

FEATURES

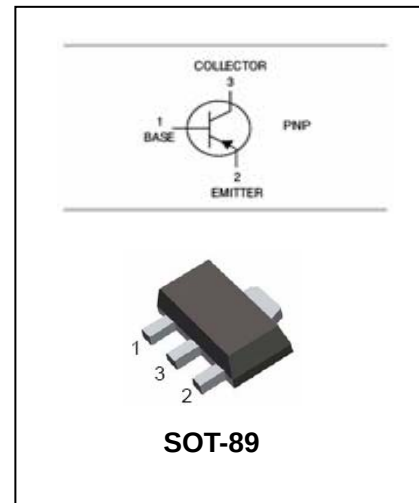
- High current.(max.1A).
- Low voltage(max.80V).



Lead-free

APPLICATIONS

- Thlephony and general industrial applications.
- Thick and thin-film circuits.



ORDERING INFORMATION

Type No.	Marking	Package Code
BSR30	BR1	SOT-89
BSR31	BR2	SOT-89
BSR33	BR4	SOT-89

MAXIMUM RATING @ Ta=25°C unless otherwise specified

Symbol	Parameter	Value	Unit
V_{CBO}	Collector-Base Voltage BSR30 BSR31 BSR33	-70 -90	V
V_{CEO}	Collector-Emitter Voltage BSR30 BSR31 BSR33	-60 -80	V
V_{EBO}	Emitter-Base Voltage	-5	V
I_C	Collector Current -Continuous	-1	A
I_{CM}	Collector Current -Peak	-2	A
I_{BM}	Peak Base Current	-0.2	A
P_D	Total Device Dissipation	1.35	W
T_j, T_{stg}	Junction and Storage Temperature	-65 to +150	°C

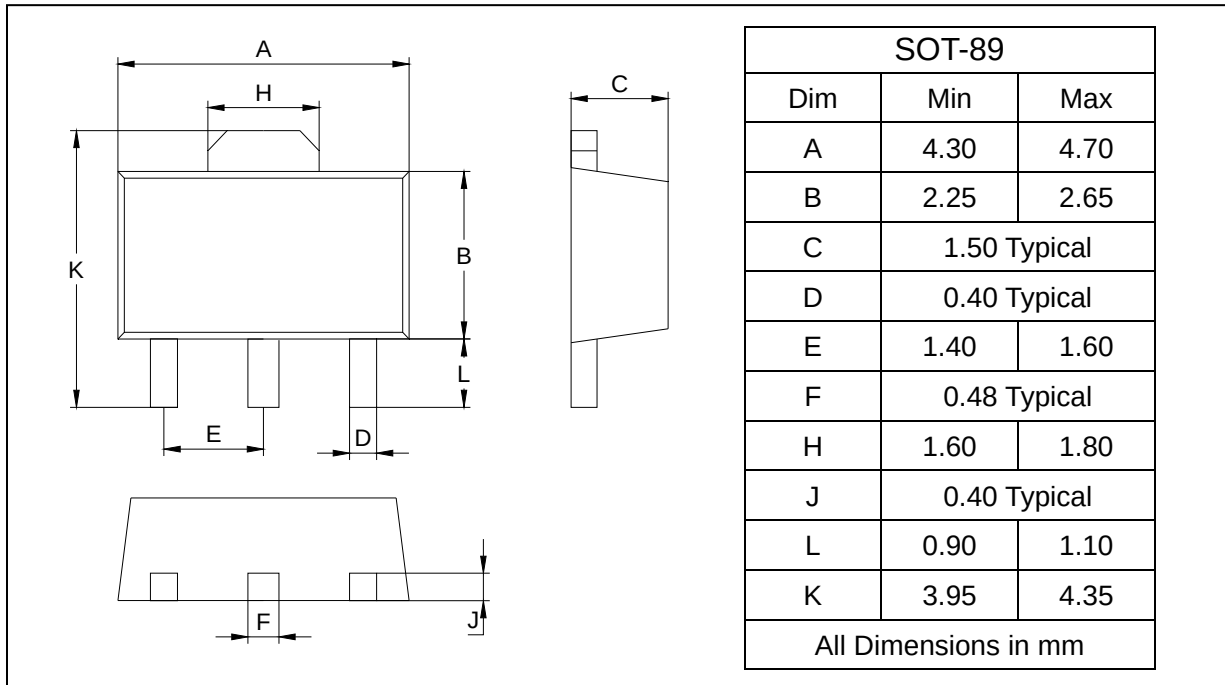
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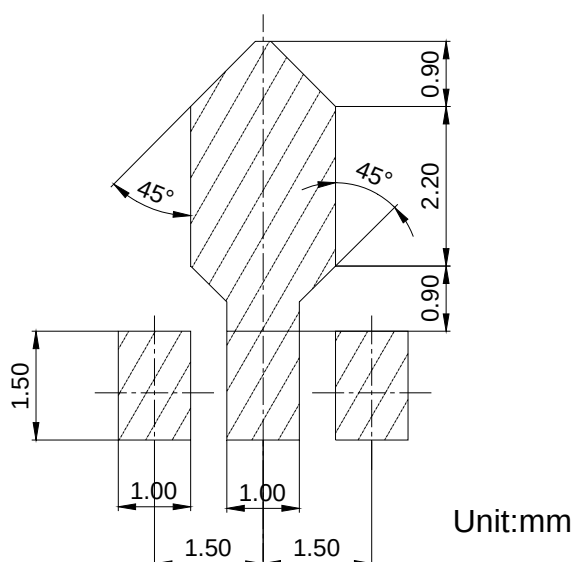
PACKAGE OUTLINE

Plastic surface mounted package

SOT-89



SOLDERING FOOTPRINT



PACKAGE INFORMATION

Device	Package	Shipping
BSR30/BSR31/BSR33	SOT-89	1000/Tape&Reel