

VHF power transistor

BLV11

Description:

N-P-N silicon planar epitaxial transistor intended for use in class-A, B and C operated mobile, HF and VHF transmitters with a nominal supply voltage of 13.5 V. The transistor is resistance stabilized and is guaranteed to withstand severe load mismatch conditions with a supply over-voltage to 16.5 V.

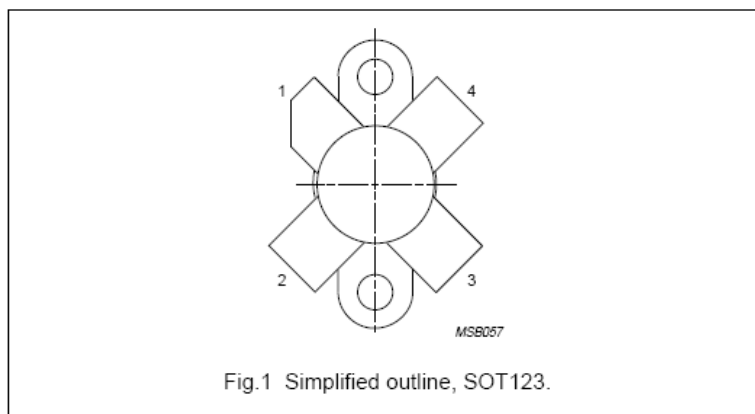
Features:

It has a 3/8" flange envelope with a ceramic cap. All leads are isolated from the flange.

Specifications:

MODE OF OPERATION	V _{CE} V	f MHz	P _L W	G _p dB	η %	\bar{z}_i Ω	\bar{Y}_L mS
c.w.	13,5	175	15	> 8,0	> 60	2,3 + j2,2	130 - j4,4
c.w.	12,5	175	15	typ. 7,5	typ. 67	-	-

Drawings:



PIN	DESCRIPTION
1	collector
2	emitter
3	base
4	emitter