

UHF power transistor

BLU45

Description:

N-P-N silicon planar epitaxial transistor in SOT-119 envelope primarily intended for use in mobile radio transmitters in the 470 MHz communications band.

Features:

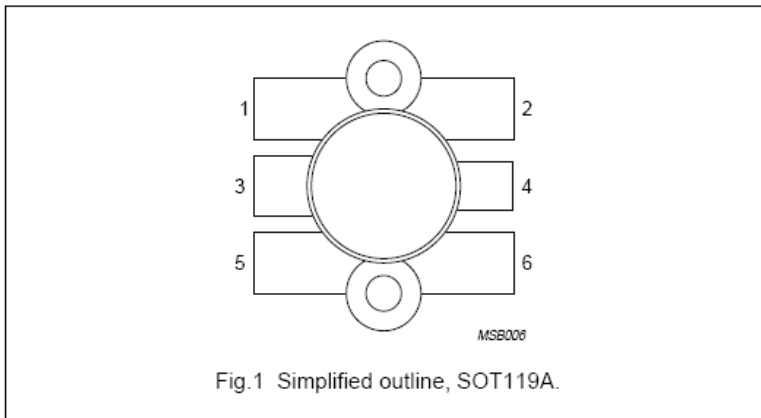
- Multi-base structure and emitter-ballasting resistors for an optimum temperature profile.
- Internal matching to achieve an optimum wideband capability and high power gain.
- Gold metallization ensures excellent reliability.

Specifications:

MODE OF OPERATION	V_{CE} V	f MHz	P_L W	G_P dB	η_c %
narrow band; c.w.	12,5	470	45	> 4,8	> 55

Drawings:

PIN CONFIGURATION



PINNING

PIN	DESCRIPTION
1	emitter
2	emitter
3	base
4	collector
5	emitter
6	emitter