VHF power transistor BLV25

Description:
N-P-N silicon planar epitaxial transistor primarily for use in VHF-FM broadcast transmitters.

Features:
* Internally matched input for wideband operation and high power gain;
* Multi-base structure and diffused emitter ballasting resistors for an optimum temperature profile;
* Gold-metallization ensures excellent reliability.

Specifications:

MODE OPERATION	V_{CE} V	f MHz	P_L W	P_S W	G_p dB	η %
narrow band; c.w.	28	108	175	< 17,5	> 10,0	> 65

Drawings:

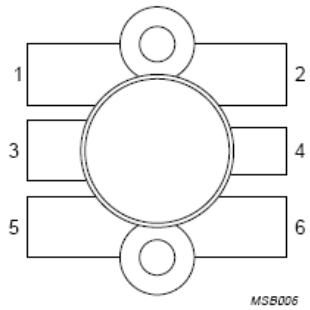

Fig.1 Simplified outline, SOT119A.

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