

High band/VHF FM power transistor

MRF245

Description:

MRF245 is designed as 12.5V, 136-176MHz, high band/VHF FM transistors.

Features:

Specified 12.5 V, 145MHz Performance:

Output Power = 80 Watts

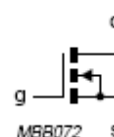
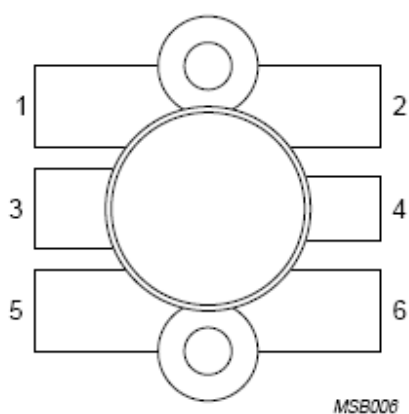
Power Gain = 6.4 dB Min

Efficiency = 55% Min

Maximum Ratings

Rating	Symbol	Value	Unit
Collector-Emitter Voltage	Vceo	18	Vdc
Collector-Base Voltage	Vcbo	36	Vdc
Emitter-Base Voltage	Vebo	4.0	Vdc
Collector Current Continuous	Ic	20	Adc
Total Device Dissipation@Tc=25C	Pd	250	W
Max Current gain	hFE	150	

Drawings:



SOT119