

NPN Silicon RF power transistor

MRF466

Description:

MRF466 is designed primarily for applications as a high-power linear amplifier from 2.0 to 30 MHz, in single sideband mobile, marine and base station equipment. **2N5941 Replacement.**

Features:

Specified 28 Volt, 30 MHz Characteristics:

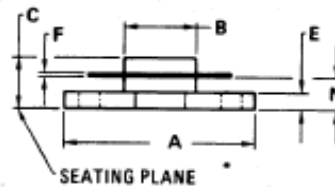
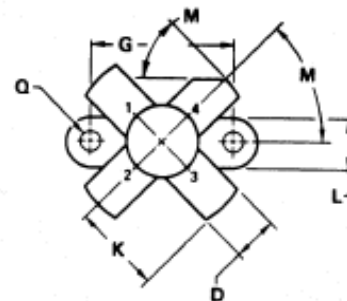
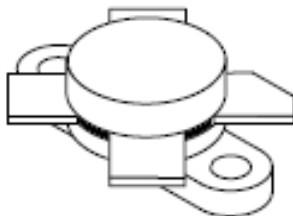
Output Power = 40 W (PEP) or CW, Minimum Gain = 15dB, Efficiency = 40%

Intermodulation Distortion = -30 dB (Max).

Maximum Ratings:

Rating	Symbol	Value	Unit
Collector-Emitter Voltage	Vceo	35	Vdc
Collector-Base Voltage	Vcbo	65	Vdc
Emitter-Base Voltage	Vebo	4.0	Vdc
Collector-Current-Continuous	Ic	6.0	Adc
Total Device Dissipation @ Tc=25	Pd	175	Watts
Derate above 25		1.0	W/
Storage Temperature Range	Tstg	-65 to +150	

Drawings:



STYLE 1:
PIN 1. EMITTER
2. BASE
3. EMITTER
4. COLLECTOR

CASE211-09