

## High band/VHF FM power transistor

## MRF260

### Description:

MRF260 is designed as 12.5V, 136-174MHz, high band/VHF FM transistors.

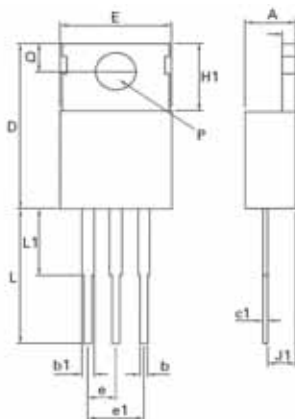
### Maximum Ratings at TU = 25

Symbol	Test Conditions	Characteristics		Units
BVCES	IC=5 mA	Max.	36	V
BVCEO	IC=15 mA	Max.	18	V
BVEBO	IE=3 mA	Max.	4	V
IC		Max.	1	A
Ptot		Max.	12	W
TSTG		Min.	-65	
		Max.	150	
TjM		Max.	175	

Characteristics at TU = 25 (VCC =12.5 V f=175 MHz)

Symbol	Test Conditions	Characteristics		Units
Pout		Typ.	5	W
GP		Typ.	10	dB
		Typ.	60	%
hFE	IC = 0.5A VCE =5V	Typ.	45	
VCEsat	IC =0.5A IB =0.1 A	Max.	1	V
ICES	VCE =18V	Max.	0.5	mA
CCBO	VCB =18V	Typ.	20	pF
d3		Max.		dB

### Drawings:



DIM	Millimeters		Inches	
	Min.	Max.	Min.	Max.
A	3.56	4.82	0.140	0.189
b	0.38	1.01	0.015	0.040
b1	1.15	1.77	0.045	0.070
c1	0.41	0.50	0.016	0.020
D	14.23	16.51	0.560	0.650
E	9.66	10.66	0.380	0.419
e	2.29	2.79	0.090	0.110
e1	4.83	5.33	0.190	0.210
F	0.51	1.39	0.020	0.055
H1	5.85	6.85	0.230	0.270
J1	2.04	2.92	0.080	0.115
L	12.70	14.73	0.500	0.580
L1	-	6.35	-	0.250
P	3.54	4.08	0.139	0.160
Q	2.54	3.42	0.100	0.134