NPN SILICON RF POWER TRANSISTOR

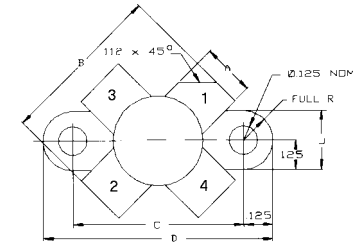
DESCRIPTION:

The **MRF314** is Designed for Class C Power Amplifier Applications up to 200 MHz.

FEATURES:

- P_G = 10 dB min. at 30 W/ 150 MHz
- Withstands **30:1** Load VSWR
- ***Omnigold***™ Metalization System

PACKAGE STYLE .380 4L FLG



ORDER CODE: ASI10872

MAXIMUM RATINGS

I_C	3.4 A
V_{CBO}	65 V
V_{CEO}	35 V
V_{EBO}	4.0 V
P_{DISS}	82 W @ T_C = 25 °C
T_J	-65 °C to +200 °C
T_{STG}	-65 °C to +150 °C
θ_{JC}	2.13 °C/W

CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS			MINIMUM	TYPICAL	MAXIMUM	UNITS
BV_{CEO}	I_C = 30 mA			35			V
BV_{CES}	I_C = 30 mA			65			V
BV_{EBO}	I_E = 3.0 mA			4.0			V
I_{CBO}	V_E = 30 V					3.0	mA
h_{FE}	V_{CE} = 5.0 V	I_C = 1.5 A		20		80	---
C_{OB}	V_{CB} = 30 V		f = 1.0 MHz		30	40	pF
P_G	V_{CC} = 28 V	P_{OUT} = 30 W	f = 150 MHz	10	13.5		dB
η_C				50			%
ψ				30:1 all phase angles, no degadation in output.			

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for RF MOSFET Transistors ***category:***

Click to view products by Advanced Semiconductor ***manufacturer:***

Other Similar products are found below :

MRF492 MRFE8VP8600HR5 ARF1511 ARF465BG BF 2030 E6814 BLF861A MRF150J DU1215S DU28200M UF28100M DU2820S MHT1008NT1 MMRF1014NT1 MRF426 ARF468BG MAPHST0045 MRFE6VP61K25NR6 DU2860U VRF152GMP MRFE6VP5300NR1 BF2040E6814HTSA1 MRFE6VP5150GNR1 LET9060S MRF136Y BF999E6327HTSA1 SD2931-12MR BF998E6327HTSA1 AFV10700HR5 MRF141 MRF171 MRF172 MRF174 QPD1020SR BF 1005S E6327 MRF134 MRF136 MRF137 MRF141G MRF151A MRF151G MRF157 MRF158 MRF160 MRF171A MRF173 MRF177 UF2840G TGF3021-SM ARF1510 ARF448BG