

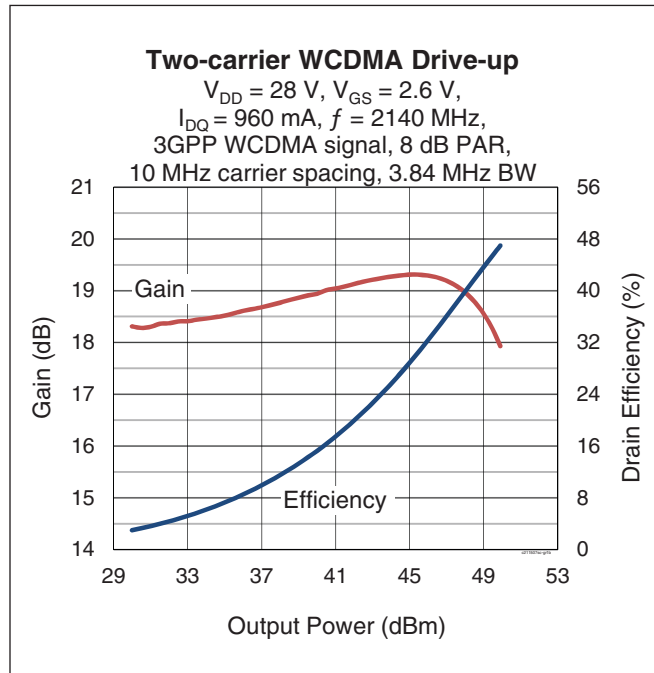
Thermally-Enhanced High Power RF LDMOS FET 150 W, 28 V, 2110 – 2170 MHz

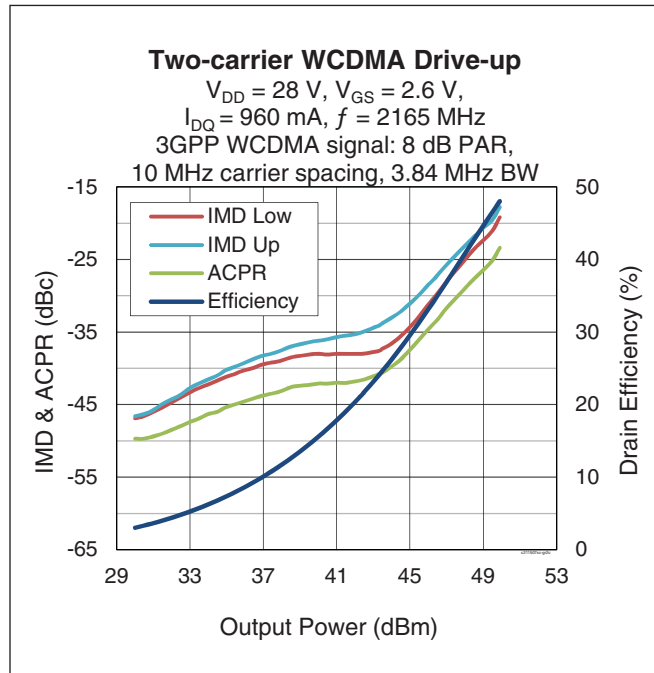
Description

The PXFC211507SC is a 150-watt LDMOS FET intended for use in multi-standard cellular power amplifier

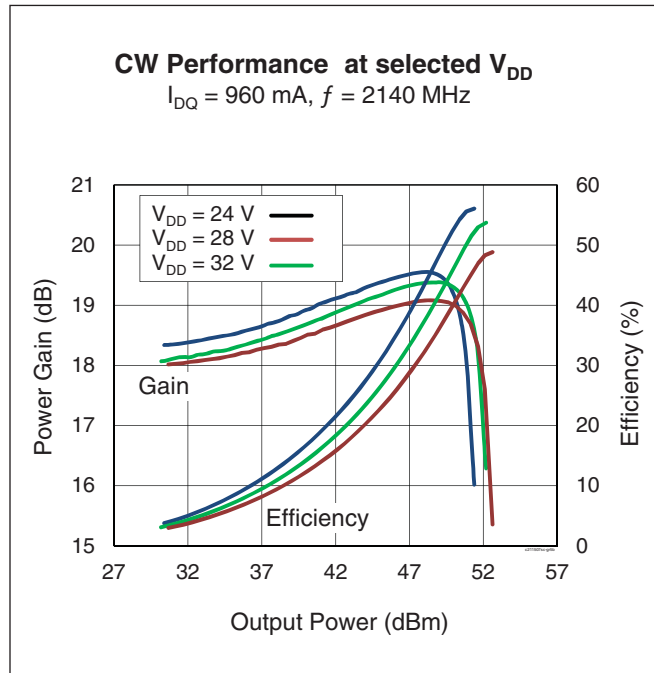
DC Characteristics

Characteristic	Conditions	Symbol	Min	Typ	Max	Unit
Drain-Source Breakdown Voltage	$V_{GS} = 0\text{ V}$, $I_{DS} = 10\text{ mA}$	$V_{(BR)DSS}$	65	—	—	V
Drain Leakage Current	$V_{DS} = 28\text{ V}$,					

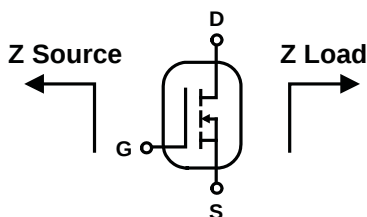
Typical Performance (data taken in a production test fixture)


Typical Performance (cont.)


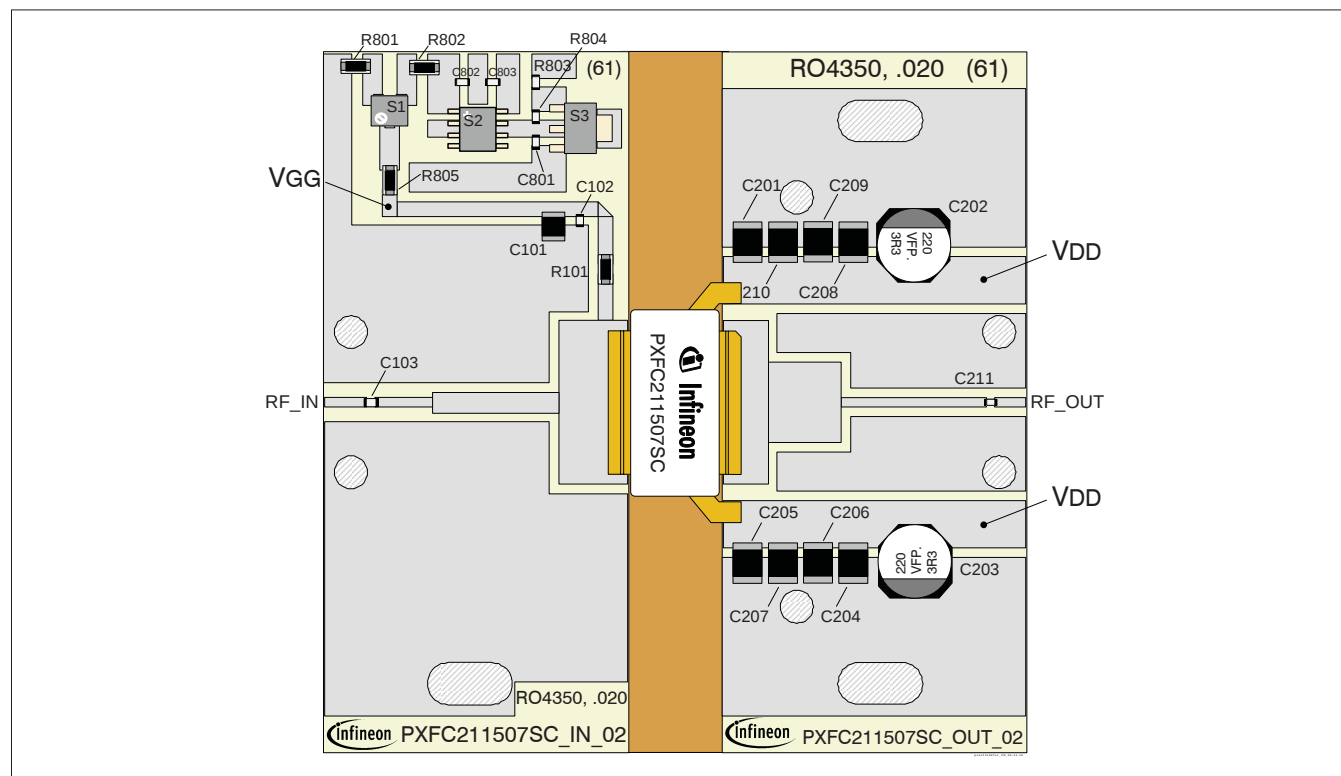
Typical Performance (cont.)



Load Pull Performance

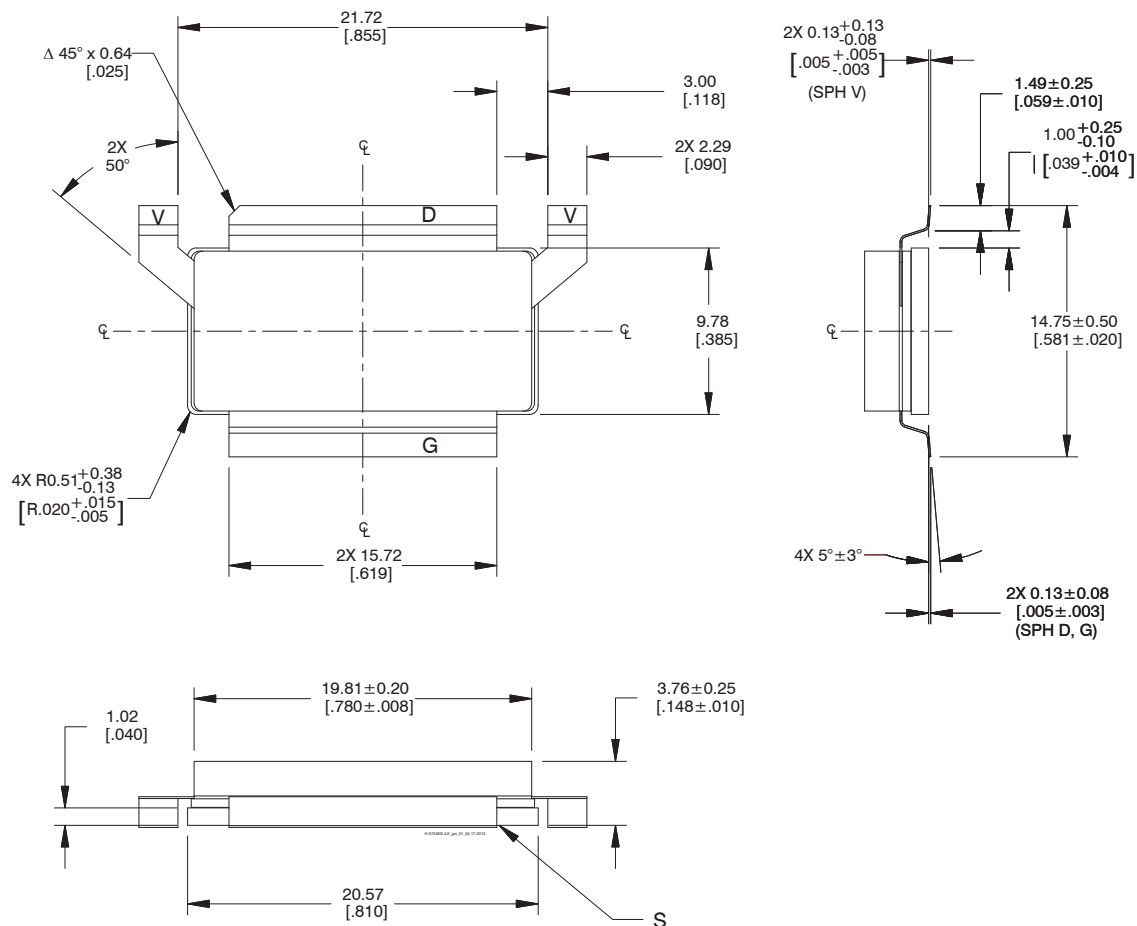


Pulsed CW signal: 10 $\$

Reference Circuit (cont.)


Package Outline Specifications

Package H-37248G-4/2 (formed leads)



Revision History

Revision	Date	Data Sheet	Page	Subjects (major changes at each revision)
01	2014-05-09	Advance	all	Proposed specification for new product development.
02	2015-03-03	Production	all	Complete final specifications, including production data, performance curves, reference circuit layout and load pull information.

We Listen to Your Comments