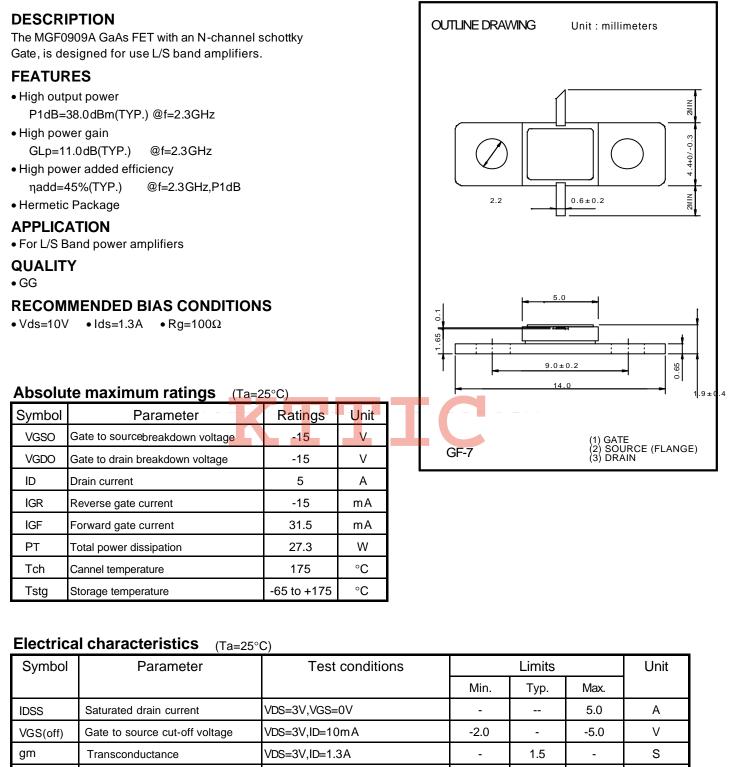
KTTIC http://www.kttic.com

MITSUBISHI SEMICONDUCTOR<GaAs FET>

MGF0909A

L & S BAND GaAs FET [non - matched]

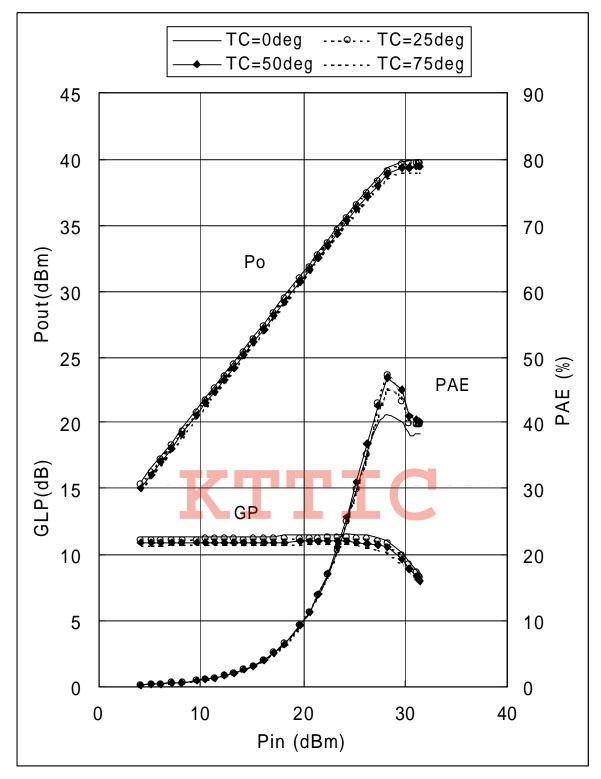


Symbol	Parameter	Test conditions	Limits		Unit	
			Min.	Тур.	Max.	
IDSS	Saturated drain current	VDS=3V,VGS=0V	-		5.0	А
VGS(off)	Gate to source cut-off voltage	VDS=3V,ID=10mA	-2.0	-	-5.0	V
gm	Transconductance	VDS=3V,ID=1.3A	-	1.5	-	S
P1dB	Output power 1dB Compression P	VDS=10V,ID=1.3A,f=2.3GHz	37.0	38.0	-	dBm
ηadd	Power added Efficiency *1	*1:Po=P1dB	-	45	-	%
GLP	Linear Power Gain *2	*2:Pi=22dBm	10.0	11.0	-	dB
Rth(ch-c)	Thermal Resistance *1	$\Delta V f$ Method	-	-	9	°C/W

*1:Channel to case / Above parameters, ratings, limits are subject to change.

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MGF0909A TYPICAL CHARACTERISTICS Tc=0/25/50/75deg.C



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MITSUBISHI SEMICONDUCTOR<GaAs FET>

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