

No.1403A

2SK404

N-Channel Junction Silicon FET

HF Amp, AF Amp Applications

Features

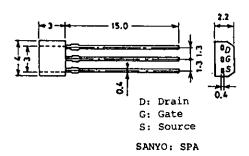
- Large | yfs |
- Low noise
- Small c_{rss}

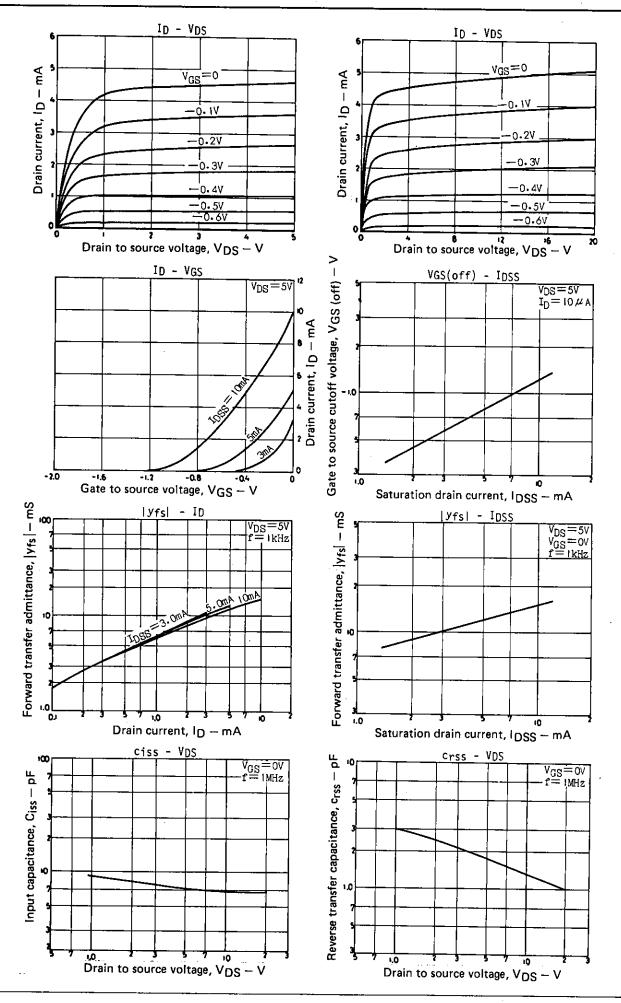
Absolute Maximum Ratings/T _a = 25°C				unit		
Drain to source voltage	V_{DSS}		20	V		
Gate to drain voltage	VGSS		-20	V		
Gate current	IG		10	mΑ		
Drain current	۱Ď		20	mΑ		
Allowable power dissipation	PD		200	mW		
Junction temperature	Тj		125	°C		
Storage temperature	T'_{stg}	-55 to		°C		
Electrical Characteristics/T _a = 25°C			mir	n tvp	max	unit
Gate to drain breakdown voltage	V(BR) GSS	$I_G = -10\mu A$	-20		,	V
Common source gate cutoff current		VGS = -10V, VDS = 0V			-1.0	nΑ
Gate to source cutoff voltage		$V_{DS} = 5V, I_{D} = 10\mu A$		-0.8		V
Drain current	^I DSS	Vps = 5V, Vgs = 0V	1.2		12.0*	mΑ
Forward transfer admittance	Yfs	VDS = 5V, VGS = 0V, f = 1kHz	5.0			mS
Input capacitance	Ciss	VDS = 5V, VGS = 0V, f = 1MHz		7.0		рF
Reverse transfer capacitance	Crss	VDS = 5V, VGS = 0V, f = 1MHz		1.8		рF
Noise figure	NF	VDS = 5V, ID = 1mA,		1.5		dΒ
		$Ra = 1k\Omega$. $f = 1kHz$				

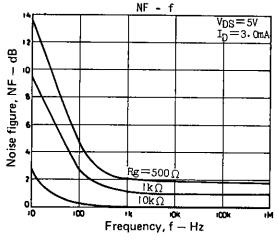
*: The 2SK404 is classified by VDS = 5V as follows (unit: mA):

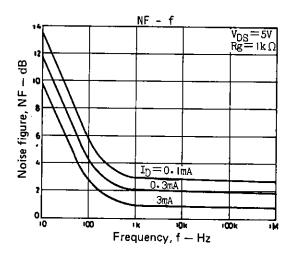
- 1											
	1.2	D	3.0	2.5	E	6.0	5.0	F	12.0		

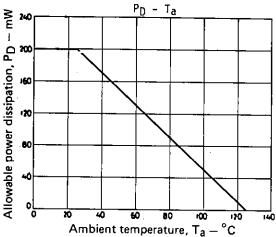
Package Dimensions 2034 (unit: mm)











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