

TF202C

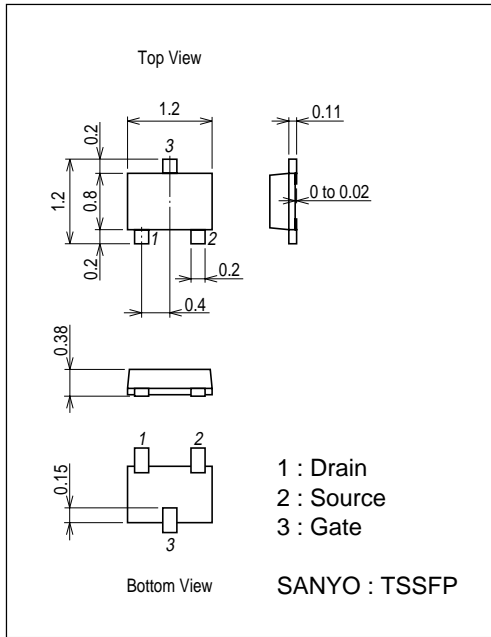
Continued from preceding page.

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Transfer Admittance	$ y_{fs} $	$V_{DS}=5V, V_{GS}=0V, f=1kHz$	0.5	1.2		mS
Input Capacitance	C_{iss}	$V_{DS}=5V, V_{GS}=0V, f=1MHz$		3.5		pF
Reverse Transfer Capacitance	C_{rss}	$V_{DS}=5V, V_{GS}=0V, f=1MHz$		0.65		pF
[$T_a=25^\circ C, V_{CC}=4.5V, R_L=1k\Omega, C_{in}=15pF$, See specified Test Circuit.]						
Voltage Gain	G_V	$V_{IN}=10mV, f=1kHz$		-3.0		dB
Reduced Voltage Characteristic	ΔG_{VV}	$V_{IN}=10mV, f=1kHz, V_{CC}=4.5 \rightarrow 1.5V$		-1.2	-3.5	dB
Frequency Characteristic	ΔG_{vf}	$f=1kHz$ to 110Hz			-1.0	dB
Input Impedance	Z_{IN}	$f=1kHz$	25			$M\Omega$
Output Impedance	Z_O	$f=1kHz$		1000		Ω
Total Harmonic Distortion	THD	$V_{IN}=30mV, f=1kHz$		1.0		%
Output Noise Voltage	V_{NO}	$V_{IN}=0V, A$ curve			-110	dB

Package Dimensions

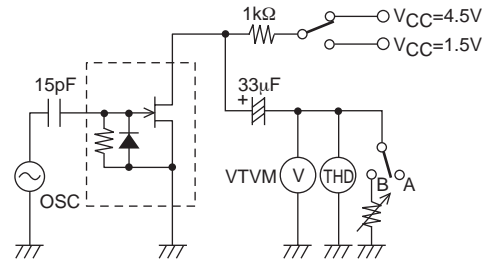
unit : mm (typ)

7048-001

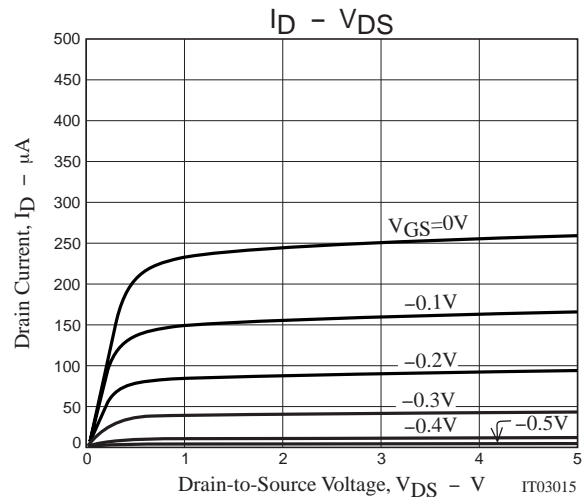
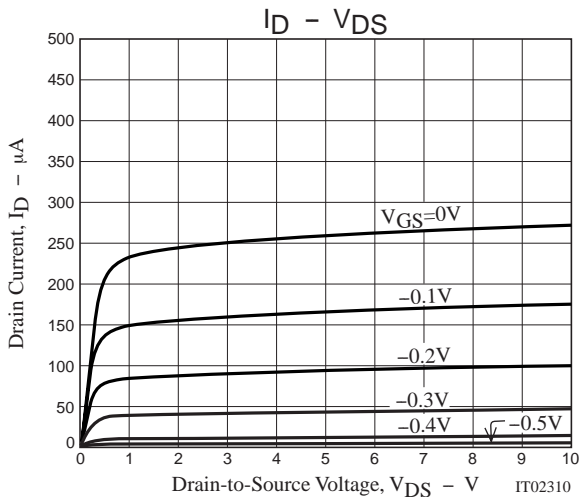


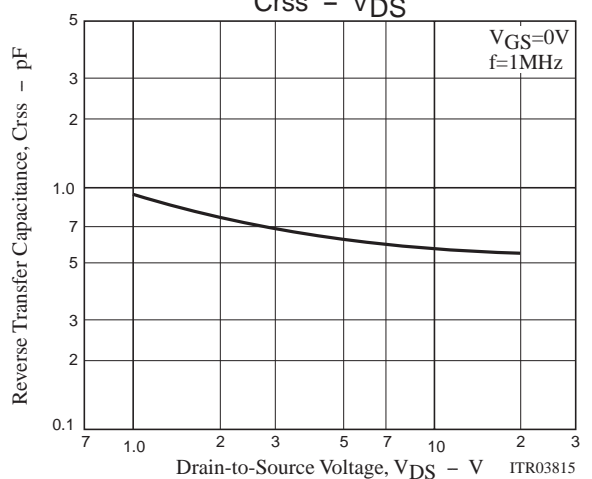
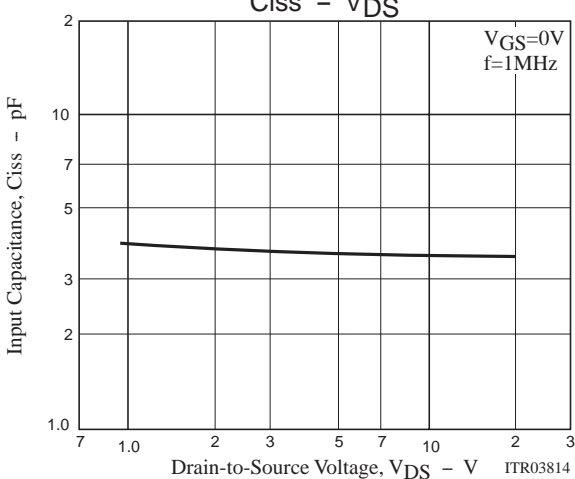
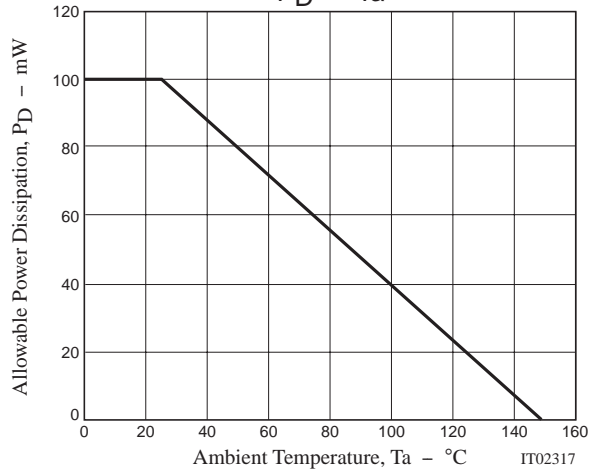
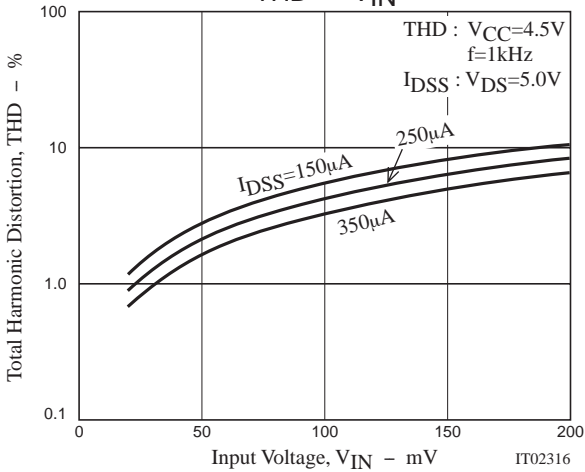
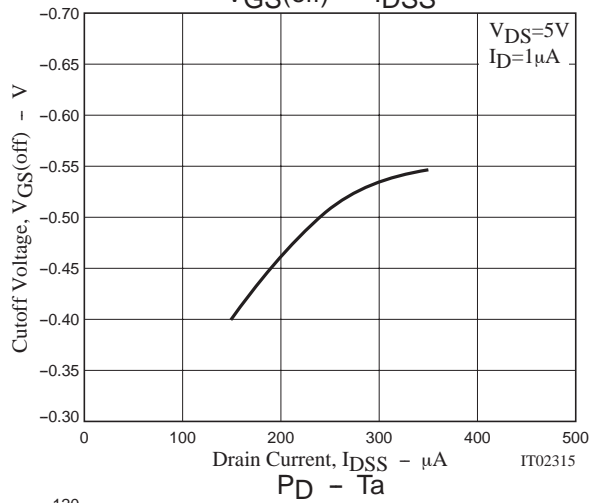
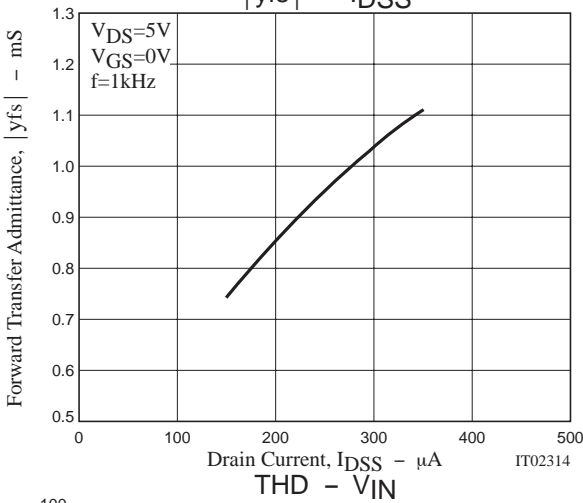
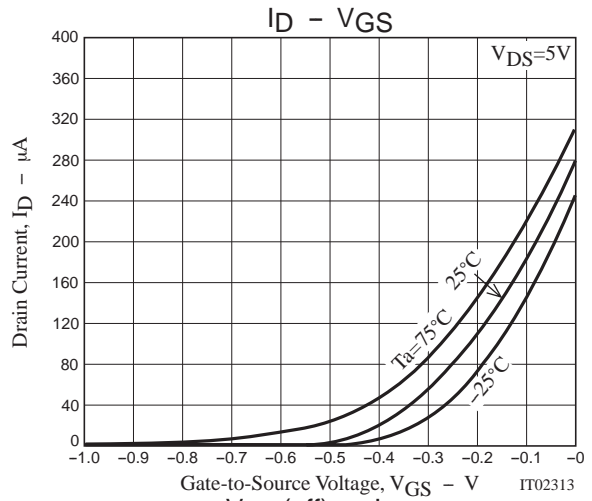
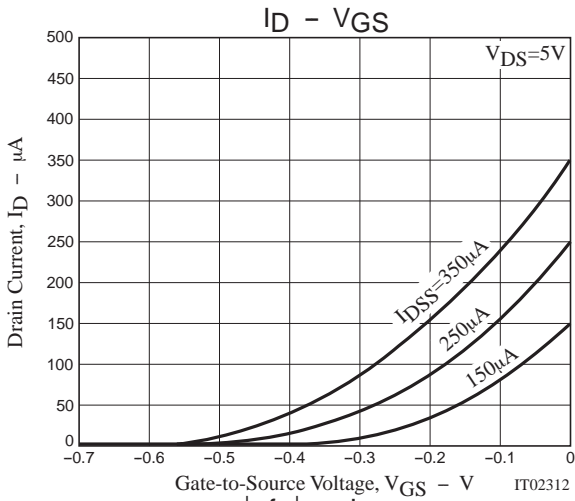
Test Circuit

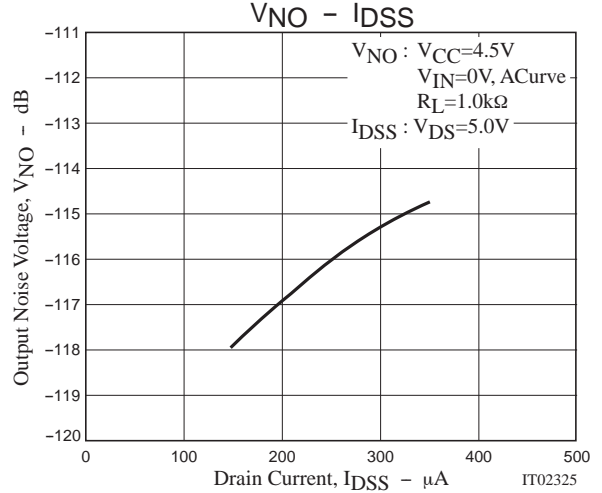
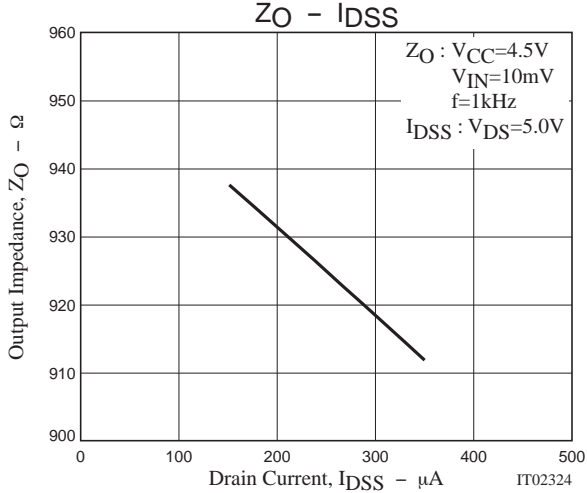
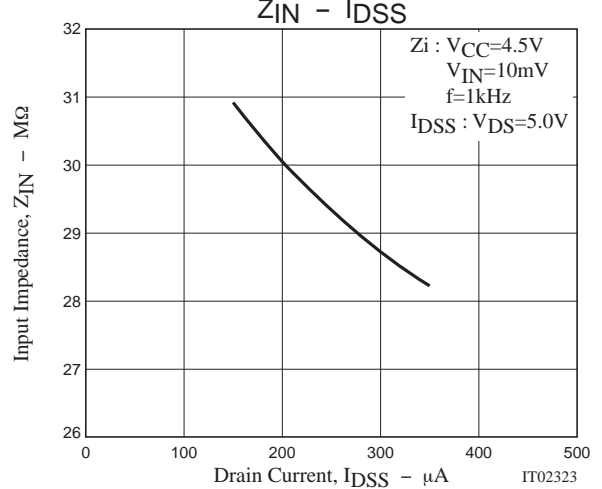
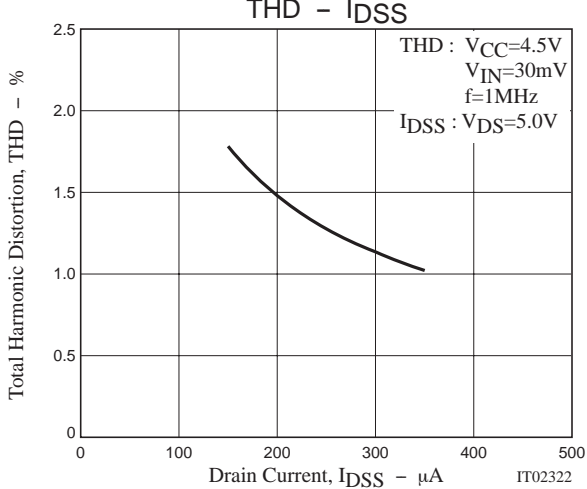
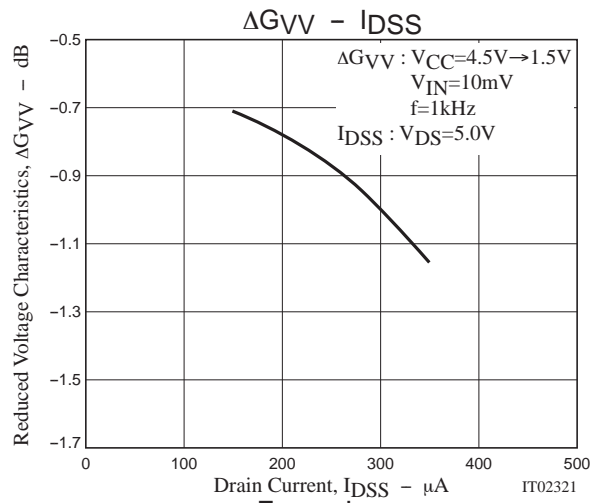
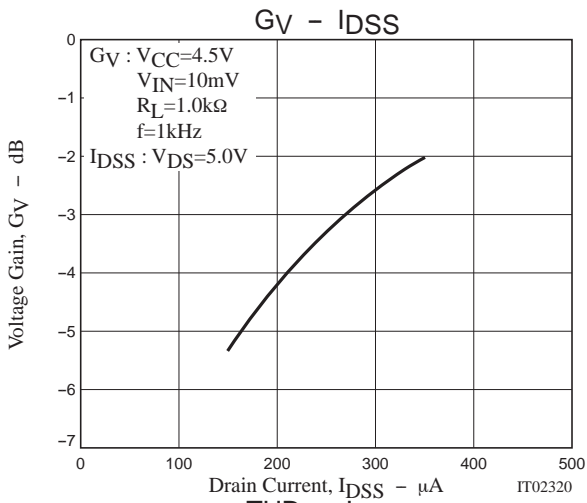
Voltage gain
Frequency Characteristic
Distortion
Reduced Voltage Characteristic



Output Impedance







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