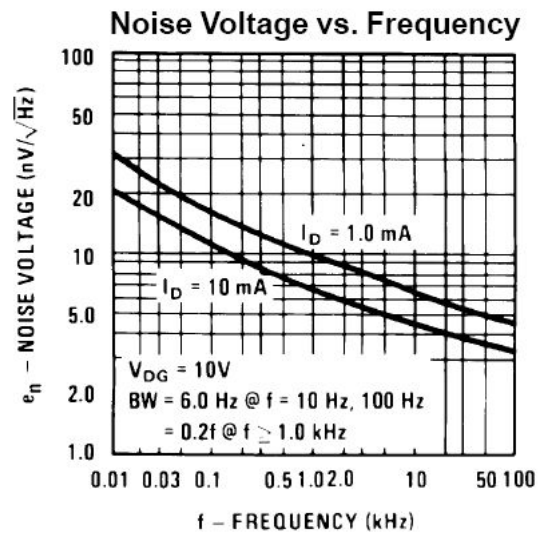
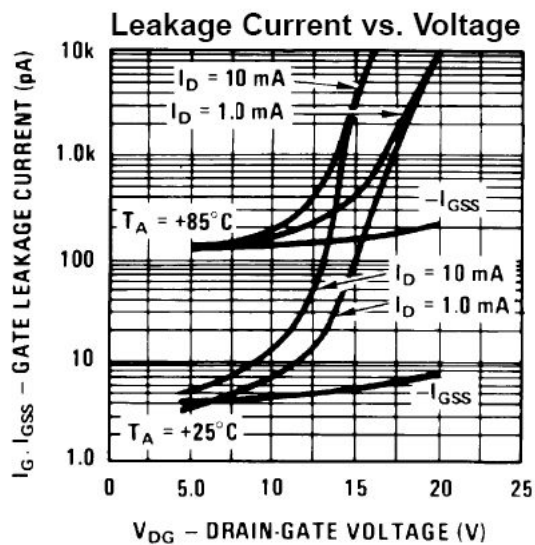
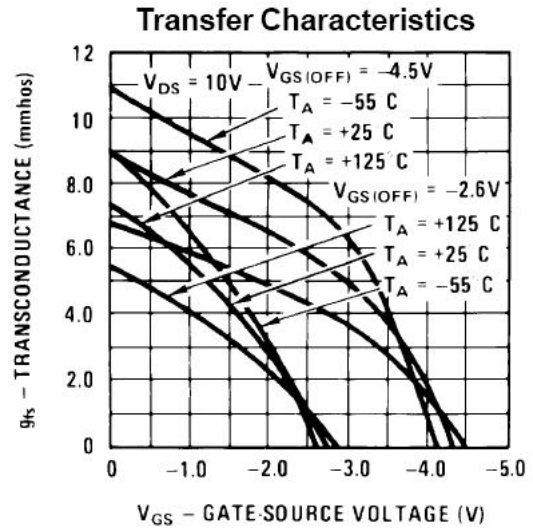
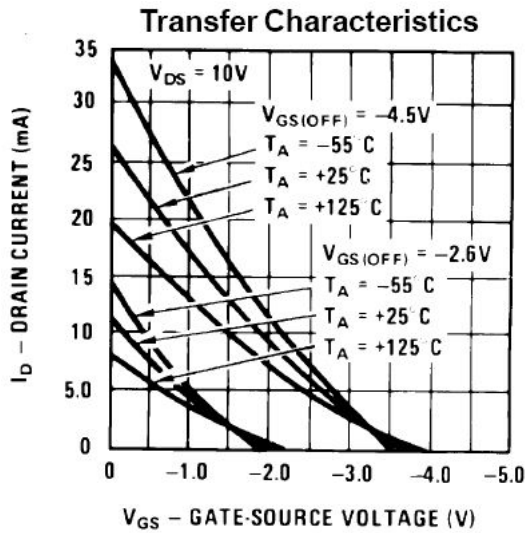
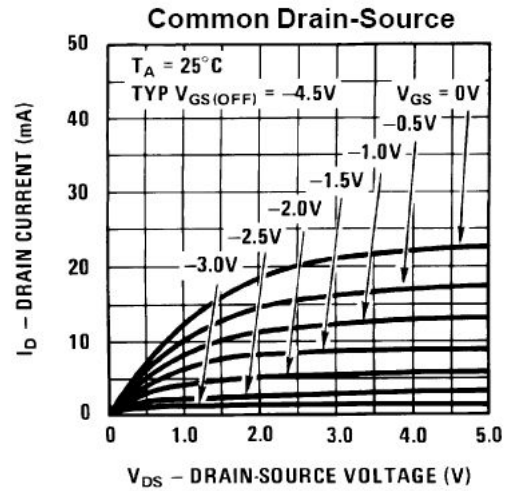
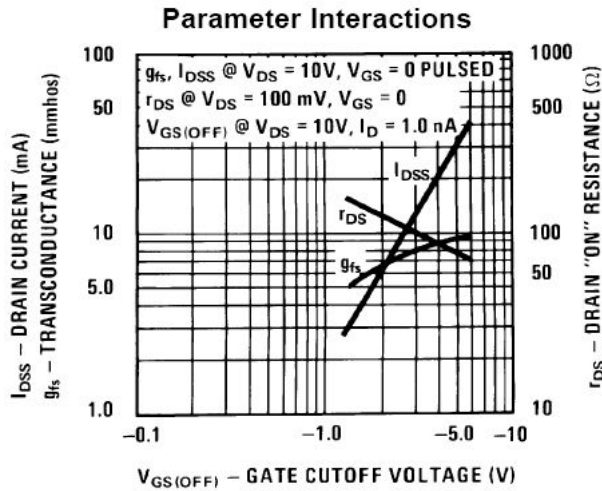


Electrical Characteristics * T_C = 25°C unless otherwise noted

Symbol	Parameter	Conditions	Min.	Max	Units
Off Characteristics					
V _{(BR)GSS}	Gate-Source Breakdown Voltage	I _G = -1μA, V _{DS} = 0	-40		V
I _{GSS}	Gate Reverse Current	V _{GS} = -20V, V _{DS} = 0		-100	pA
V _{GS(off)}	Gate-Source Cutoff Voltage	V _{DS} = 20V, I _D = 10nA 201 202 203	-0.3 -0.8 -2	-1.5 -4 -10	V
On Characteristics					
I _{DSS}	Zero-Gate Voltage Drain Current *	V _{DS} = 20V, I _{GS} = 0 201 202 203	0.2 0.9 4	1.0 4.5 20	mA
Small Signal Characteristics					
y _{FS}	Forward Transfer Admittance	V _{DS} = 20V, f = 1.0kHz 201 202 203	500 1000 1500		μmhos

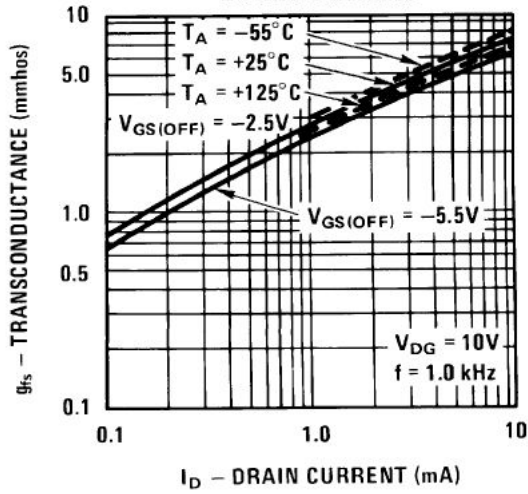
* Pulse Test: Pulse Width ≤ 300ms, Duty Cycle ≤ 2.0%

Typical Characteristics

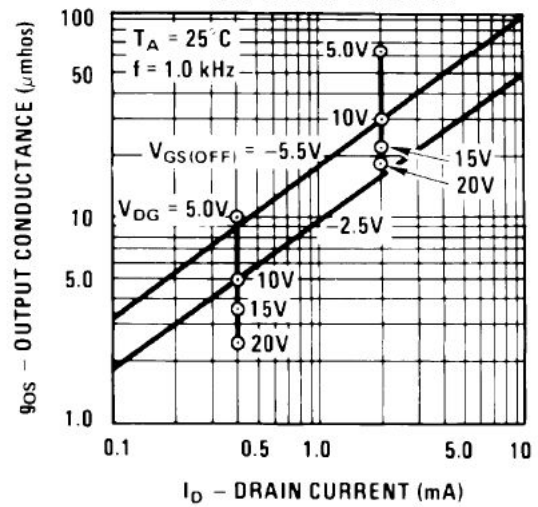


Typical Characteristics (Continued)

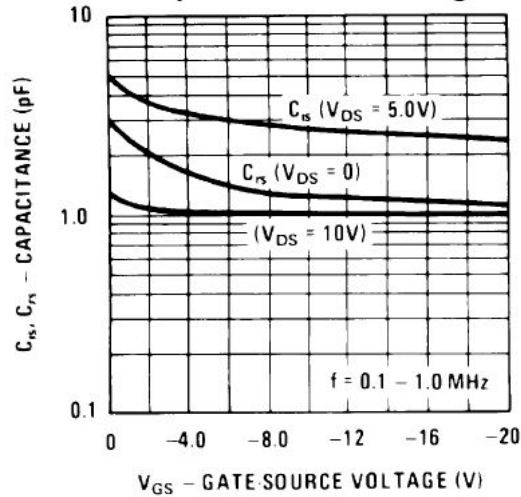
Transconductance vs. Drain Current



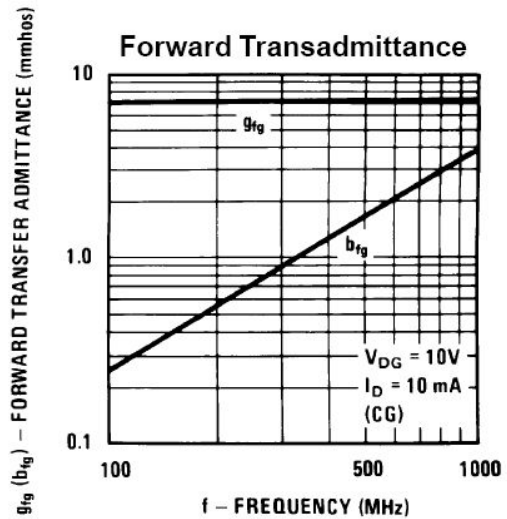
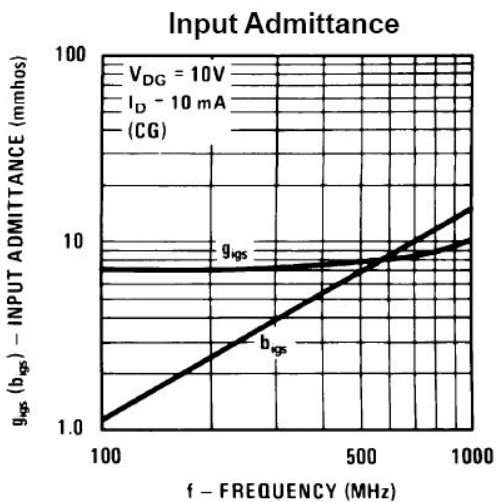
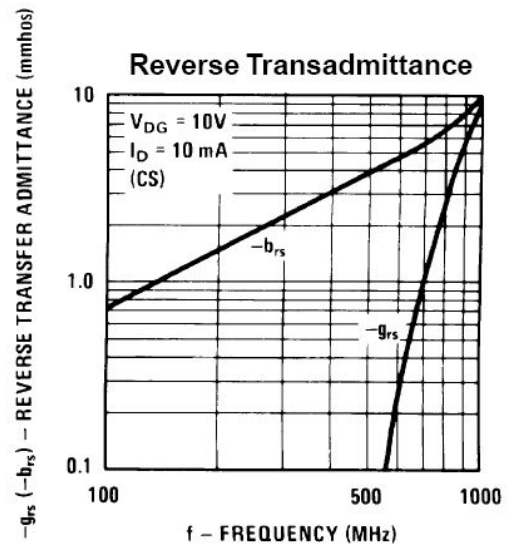
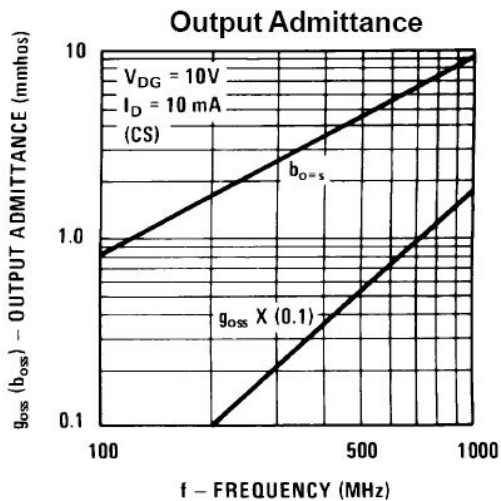
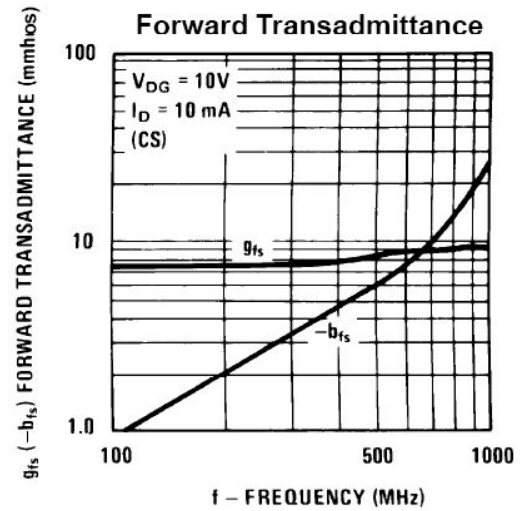
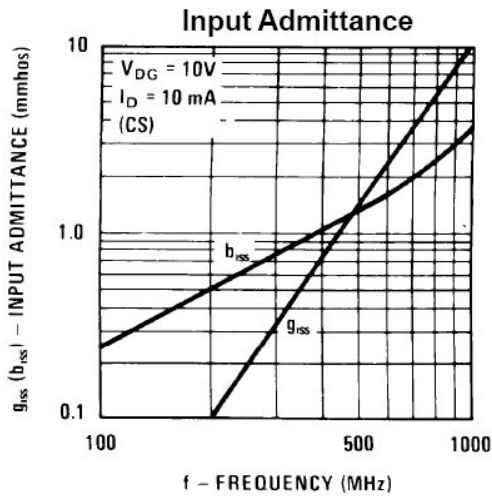
Output Conductance vs. Drain Current



Capacitance vs. Voltage

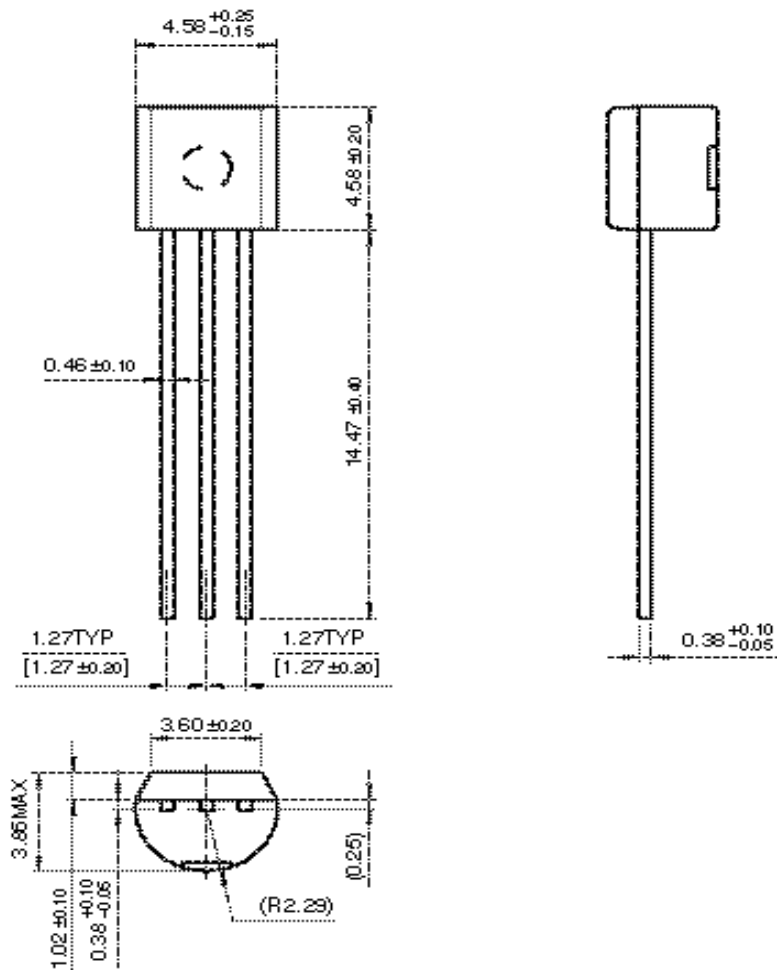


Typical Characteristics (Continued)



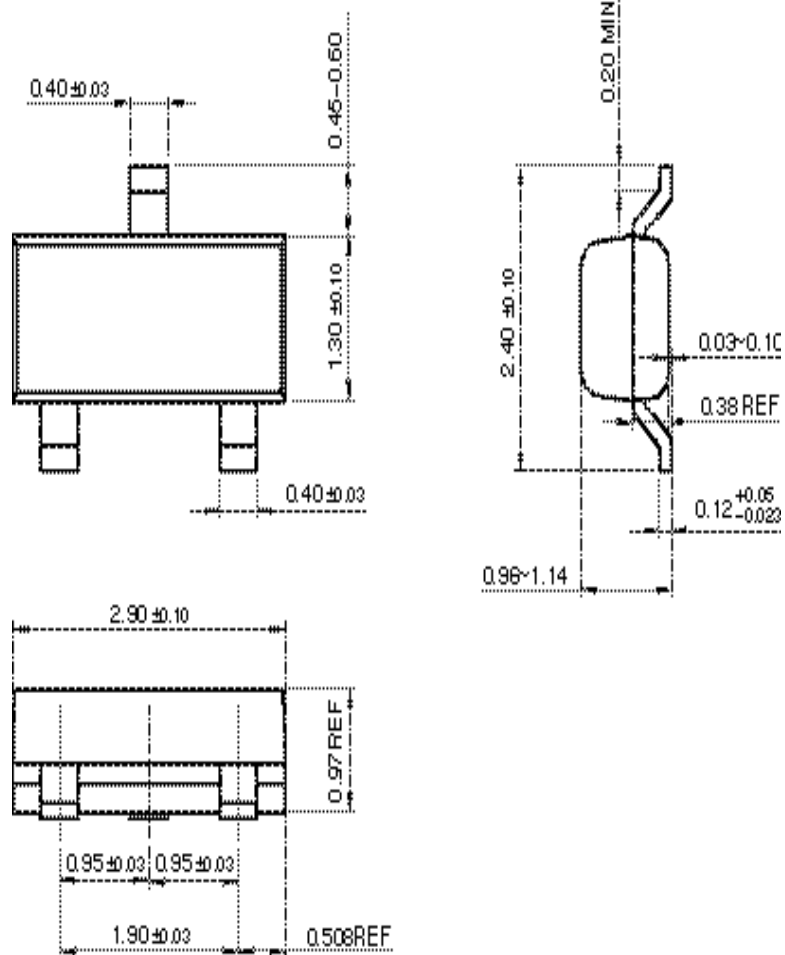
Mechanical Dimensions

TO-92



Mechanical Dimensions

SOT-23



Dimensions in Millimeters

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