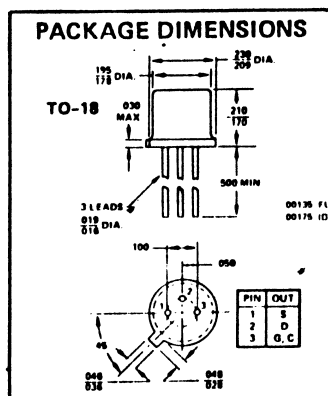


New Jersey Semi-Conductor Products, Inc.

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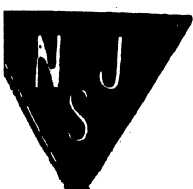
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2N5393
 N-CHANNEL J-FET



ELECTRICAL CHARACTERISTICS (25°C unless otherwise noted)

PARAMETER	MIN	MAX	UNIT	TEST CONDITIONS	
I _{GSS} Gate Reverse Current		-0.25	nA	V _{GS} = -30 V, V _{DS} = 0	150°C
BV _{GSS} Gate-Source Breakdown Voltage	-40	-0.25	μA	I _G = -1 μA, V _{DS} = 0	
V _{GS(off)} Gate-Source Cutoff Voltage	-1.8	-5	V	V _{DS} = 20 V, I _D = 1 μA	
I _{DSS} Saturation Drain Current (Note 1)	2.5	7.5	mA	V _{DS} = 20 V, V _{GS} = 0	
g _{fs} Common-Source Forward Transconductance (Note 1)	1300	4000	μmho	V _{DS} = 20 V, V _{GS} = 0	f = 1 kHz
g _{os} Common-Source Output Conductance		10			
C _{rss} Common-Source Reverse Transfer Capacitance		5	pF		
C _{iss} Common-Source Input Capacitance		25			



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