

2N4391
2N4392
2N4393

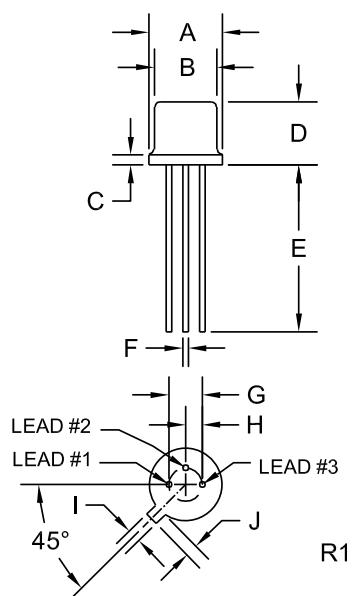
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N-CHANNEL JFET



ELECTRICAL CHARACTERISTICS - Continued: ($T_A=25^{\circ}\text{C}$ unless otherwise noted)

SYMBOL	TEST CONDITIONS	2N4391		2N4392		2N4393		UNITS
		MIN	MAX	MIN	MAX	MIN	MAX	
t_r	$I_{D(ON)}=12\text{mA}$	-	5.0	-	-	-	-	ns
t_r	$I_{D(ON)}=6.0\text{mA}$	-	-	-	5.0	-	-	ns
t_r	$I_{D(ON)}=3.0\text{mA}$	-	-	-	-	-	5.0	ns
t_f	$V_{GS(OFF)}=12\text{V}$	-	15	-	-	-	-	ns
t_f	$V_{GS(OFF)}=7.0\text{V}$	-	-	-	20	-	-	ns
t_f	$V_{GS(OFF)}=5.0\text{V}$	-	-	-	-	-	30	ns
t_{on}	$I_{D(ON)}=12\text{mA}$	-	15	-	-	-	-	ns
t_{on}	$I_{D(ON)}=6.0\text{mA}$	-	-	-	15	-	-	ns
t_{on}	$I_{D(ON)}=3.0\text{mA}$	-	-	-	-	-	15	ns
t_{off}	$V_{GS(OFF)}=12\text{V}$	-	20	-	-	-	-	ns
t_{off}	$V_{GS(OFF)}=7.0\text{V}$	-	-	-	35	-	-	ns
t_{off}	$V_{GS(OFF)}=5.0\text{V}$	-	-	-	-	-	50	ns

TO-18 CASE - MECHANICAL OUTLINE



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A (DIA)	0.209	0.230	5.31	5.84
B (DIA)	0.178	0.195	4.52	4.95
C	-	0.030	-	0.76
D	0.170	0.210	4.32	5.33
E	0.500	-	12.70	-
F (DIA)	0.016	0.019	0.41	0.48
G (DIA)	0.100		2.54	
H	0.050		1.27	
I	0.036	0.046	0.91	1.17
J	0.028	0.048	0.71	1.22

TO-18 (REV: R1)

LEAD CODE:

- 1) Source
- 2) Drain
- 3) Gate

MARKING: FULL PART NUMBER

R2 (26-September 2016)

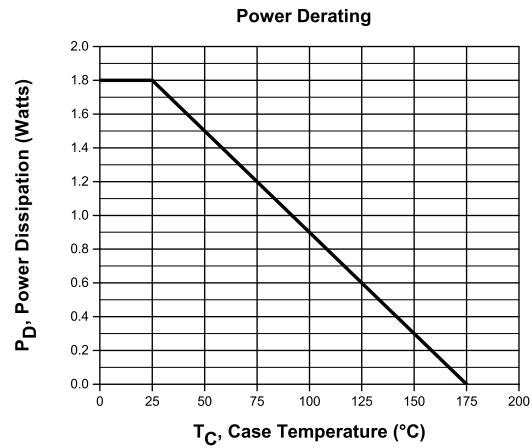
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TYPICAL ELECTRICAL CHARACTERISTICS



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OUTSTANDING SUPPORT AND SUPERIOR SERVICES



PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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