

8368602 SOLITRON DEVICES INC

61C 01486

D T-58-11-13

TYPE NO <i>CTSE 189</i>					
Si		Ge		NPN	PNP
CLASS				TO-3	

A

GROUP A AND / OR PERFORMANCE CHARACTERISTICS						
NO.	SYMBOL	CONDITIONS		MIN.	MAX.	UNITS
1		<i>SUB I T=25°C</i>				
2	V_O	$V_{IN} = 44V$	$I_O =$	27.72	28.28	V
3	V_O	$V_{IN} = 44V$	$I_O = 3.0A$	27.72	28.28	V
4	V_O	$V_{IN} = 32V$	$I_O = 0$	27.72	28.28	V
5	V_O	$V_{IN} = 32V$	$I_O = 3.0A$	27.72	28.28	V
6	I_K	TYPICAL			4.5	A
7	T_{SC}	$V_{IN} = 44V$	$V_O = 0$		500	MA
8	$I_N - I_{OUT}$	$V_{IN} = 44V$	$I_O = 3.0A$		50	MA
9	$R_{REJ.}$	$V_{IN} = 33.5V$ $I_O = 1.0A$ $f = 120Hz$ $V_{AC} = 4.0V_{PP}$			60	dB
10					4.0	MV
11		<i>SUB II T=125°C</i>				
12	V_O	$V_{IN} = 44V$	$I_O = 0$	27.16	28.84	V
13	V_O	$V_{IN} = 44V$	$I_O = 3.0A$	27.16	28.84	V
14	V_O	$V_{IN} = 32V$	$I_O = 0$	27.16	28.84	V
15	V_O	$V_{IN} = 32V$	$I_O = 3.0A$	27.16	28.84	V
16		<i>SUB III T=-55°C</i>				
17	V_O	$V_{IN} = 44V$	$I_O = 0$	27.16	27.16	V
18	V_O	$V_{IN} = 44V$	$I_O = 3.0A$	27.16	27.16	V
19	V_O	$V_{IN} = 32V$	$I_O = 0$	27.16	27.16	V
20	V_O	$V_{IN} = 32V$	$I_O = 3.0A$	27.16	27.16	V

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TO-3 2 PIN
CASE-INPUT
PIN 1-OUTPUT
PIN 3-GROUND