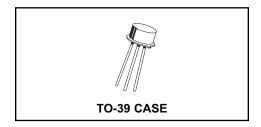
2N2322 2N2326 2N2323 2N2327 2N2324 2N2328 2N2325 2N2329

SILICON CONTROLLED RECTIFIER 1.6 AMPS, 25 THRU 400 VOLTS





DESCRIPTION:

The CENTRAL SEMICONDUCTOR 2N2322 Series types are hermetically sealed Silicon Controlled Rectifiers designed for sensing circuit applications and control systems.

MARKING: FULL PART NUMBER

MAXIMUM RATINGS: (T _C =25°C unless otherwise noted)			2N23							
	SYMBOL	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	UNITS
Peak Repetitive Forward Voltage	V_{DRM}	25	50	100	150	200	250	300	400	V
Peak Repetitive Reverse Voltage	V_{RRM}	25	50	100	150	200	250	300	400	V
Non-Repetitive Peak Reverse Voltage	V_{RSM}	40	75	150	225	300	350	400	500	V
RMS On-State Current	IT(RMS)				1.	.6				Α
Average On-State Current (T _C =85°C)	$I_{T(AV)}$				1.	.0				Α
Peak One Cycle Surge (t=8.3ms)	ITSM				1	5				Α
Peak Gate Power	P_{GM}				0.	10				W
Average Gate Power	$P_{G(AV)}$				0.	01				W
Peak Gate Current	I_{GM}				0.	10				Α
Peak Gate Voltage	v_{GM}				6	.0				V
Junction Temperature	T_J		-65 to +125				°C			
Storage Temperature	T_{stg}				-65 to	+150				°C

$\textbf{ELECTRICAL CHARACTERISTICS:} \ (T_{\hbox{\scriptsize C}} = 25 ^{\circ} \hbox{\scriptsize C unless otherwise noted})$

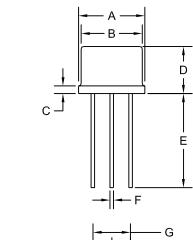
SYMBOL	TEST CONDITIONS	MIN	MAX	UNITS
I _{DRM} , I _{RRM}	Rated V_{DRM} , V_{RRM} , R_{GK} =1.0k Ω		5.0	μΑ
l _{GT}	V_D =6.0V, R_L =100 Ω		200	μA
lΗ	V_D =6.0V, R_{GK} =1.0k Ω		2.0	mA
V_{GT}	V_D =6.0V, R_L =100 Ω		8.0	V
V_{TM}	I _{TM} =1.0A, tp=380μs		1.5	V

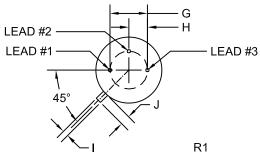


2N2322 2N2326 2N2323 2N2327 2N2324 2N2328 2N2325 2N2329

SILICON CONTROLLED RECTIFIER 1.6 AMPS, 25 THRU 400 VOLTS

TO-39 CASE - MECHANICAL OUTLINE





	DIMENSIONS							
	INC	HES	MILLIMETERS					
SYMBOL	MIN	MAX	MIN	MAX				
A (DIA)	0.335	0.370	8.51	9.40				
B (DIA)	0.315	0.335	8.00	8.51				
С	-	0.040	-	1.02				
D	0.240	0.260	6.10	6.60				
Е	0.500	-	12.70	-				
F (DIA)	0.016	0.021	0.41	0.53				
G (DIA)	0.2	200	5.08					
Н	0.100		2.54					
	0.028	0.034	0.71	0.86				
J	0.029	0.045	0.74	1.14				
TO 00 (BE) (B4)								

TO-39 (REV: R1)

LEAD CODE:

- 1) CATHODE
- 2) GATE
- 3) ANODE (case)

MARKING: FULL PART NUMBER

R0 (11-December 2008)



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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

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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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