



**INTERNATIONAL
SEMICONDUCTOR, INC.**

GERMANIUM GLASS DIODES

**1N34A
to
1N3773**

MAXIMUM RATINGS *

Operating Temperature: -55 °C to +70 °C
Storage Temperature: -55 °C to +100 °C

* ELECTRICAL CHARACTERISTICS @ 25 C, unless otherwise specified

JEDEC TYPE NUMBERS	PEAK INVERSE VOLTAGE	MAXIMUM FORWARD VOLTAGE			MAXIMUM REVERSE LEAKAGE		REVERSE RECOVERY TIME
		PIV	V _F	I _F	V _R	I _R	
		Volts	Volts	mA	Volts	µA	
1N34A	60	1.0	5	50	30	-	
1N55B	180	1.0	5	150	500	-	
1N60	50	1.0	5	20	40	-	
1N87	22.5	0.3	0.1	1.5	30	-	
1N98A	80	1.0	40	50	100	-	
1N100A	80	1.0	40	50	50	-	
1N270	100	1.0	200	50	100	-	
1N276	100	1.0	40	50	100	300	
1N277	125	1.0	100	50	250	-	
1N278	60	1.0	20	50	125 (1)	-	
1N527	10	0.3	1	10	50	-	
1N695	20	1.0	100	10	2	300	
1N695A	25	0.5	10	10	2	300	
1N949	50	0.38	10	6	10	-	
1N995	15	0.5	10	6	10	6	
1N996	25	1.0	40	15	15	300	
1N3466	40	0.5	200	30	15	-	
1N3467	15	0.8	20	10	15	2	
1N3489	35	1.0	600	20	15	-	
1N3666	80	1.0	200	20	10	300	
1N3773	25	0.5	15	3	4	40	

* JEDEC Registered Data.

(1) T_a = 75 °C

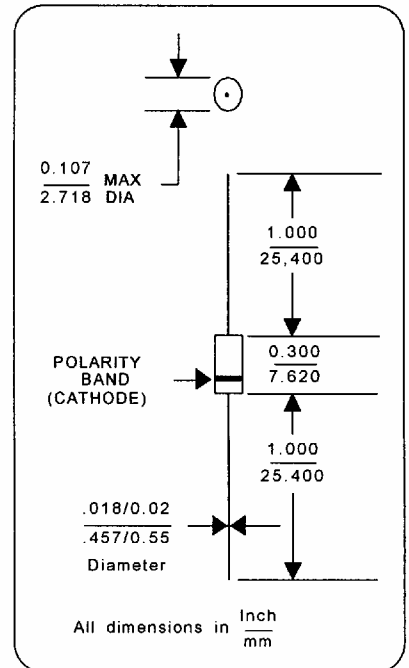


FIGURE 1

DESIGN DATA

CASE: Hermetically sealed glass case. DO-7 Outline.

LEAD MATERIAL: Copper Clad Steel

LEAD FINISH: TinPlate

THERMAL RESISTANCE:
250 °C/w (Typical)
junction to ambient.

POLARITY: Diode to be operated with the banded (cathode) end positive with respect to the opposite end

WEIGHT: 0.2 Grams

MOUNTING POSITION: Any

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