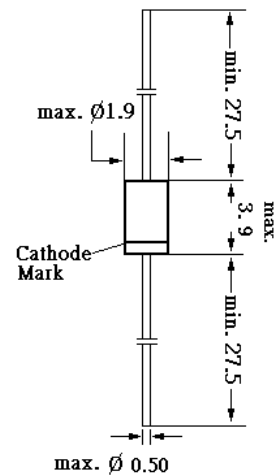


CDG22...CDG26

SILICON PLANAR BIASING DIODES

The biasing diode is a silicon glass diode suitable for use as general purpose biasing diode.



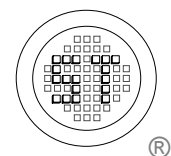
Glass case JEDEC DO-35
Dimensions in mm

Absolute Maximum Ratings ($T_a = 25^{\circ}\text{C}$)

	Symbol	Value	Unit
Breakdown Voltage	BV	4	Volts
Power Dissipation	P_D	250	mW
Operating Temperature	T_A	-65 to +175	$^{\circ}\text{C}$
Storage Temperature Range	T_S	-65 to +200	$^{\circ}\text{C}$

Characteristics at $T_A = 25^{\circ}\text{C}$ unless otherwise noted

Parameter	Test conditions	Min.	Max.	Unit
V_F	CDG22	520	600	mV
	CDG23	595	625	mV
	CDG24	615	645	mV
	CDG25	635	665	mV
	CDG26	660	700	mV
I_R	$V_R = 4\text{V}$	-	0.1	μA
I_R	$V_R = 4\text{V}, T = 65^{\circ}\text{C}$	-	2	μA



SEMTECH ELECTRONICS LTD.
(Subsidiary of Semtech International Holdings Limited, a company
listed on the Hong Kong Stock Exchange, Stock Code: 724)



Dated : 31/12/2002