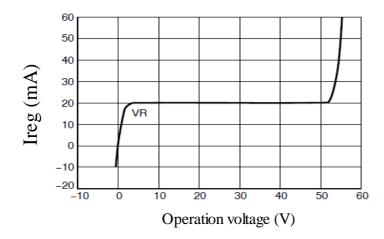


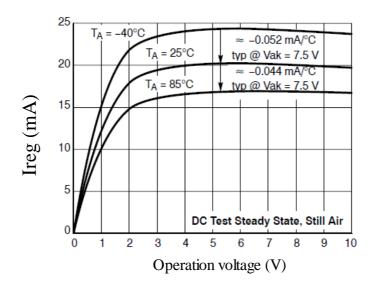


ELECTRICAL CHARACTERISTICS @25°C

Part number	Steady Current Ireg(SS)			Limiting Voltage @ 80% lreg	Test Voltage	Peak Operating Voltage	Rating Voltage
	Min	Тур.	Max	Max			Max
	(mA)	(mA)	(mA)	(V)	(V)	(V)	(V)
CLD20B	17	20	23	4.5	10	45	25

Performance curve for Current Limiting Diode

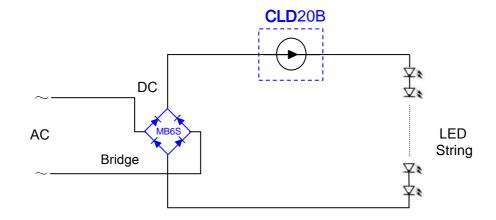






CLD20B

Application



Type Application Circuit (20mA each LED String)

Number of LED's that can be connected is determined by:

LEDs=(Vdc-Vak)/LED V_F

Example: Vac=110V,CLD Vak=45V,LED VF=3.5V@20mA

Using our P/N:MB6S bridge for whole wave rectifier

After rectifier, Output Vdc=150V

(150Vdc-45Vdc)/3.5Vdc=30 LEDs in series.



Ordering Information

Device	Packing		
(Part Number)-TP	Tape&Reel:3Kpcs/Reel		

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