

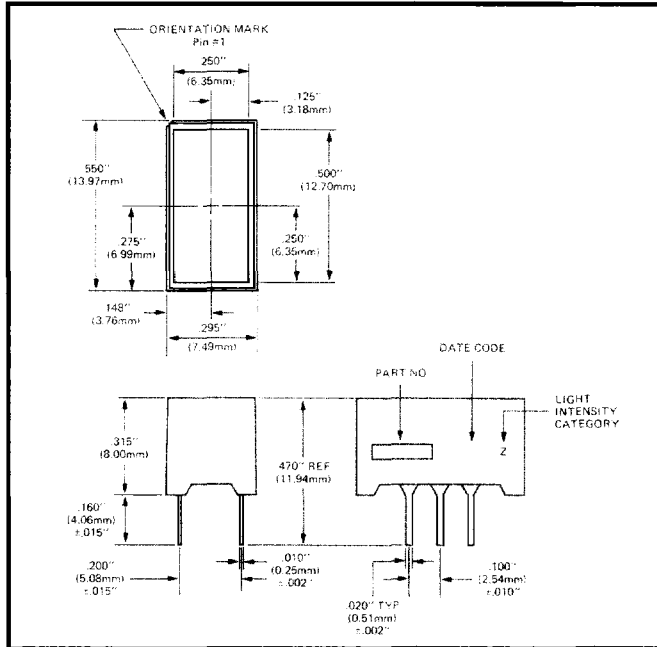


## LED Light Bar Panel Indicator

### DESCRIPTION AND FEATURES

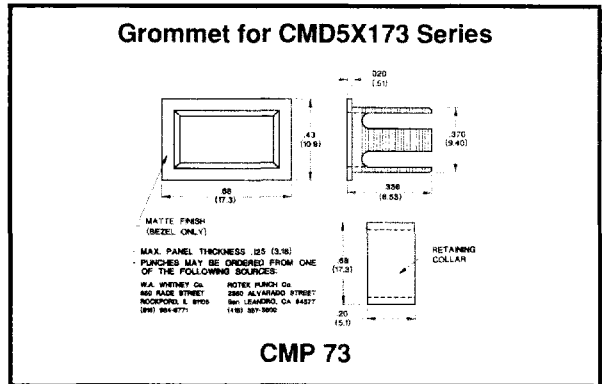
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Solid State  
Products



The CMD5X173 Series are large rectangular LED lamps utilizing two LED chips with separate anodes and cathodes. The illumination area is 0.500 x 0.250 (12.7 mm x 6.4 mm). These light bars are directly compatible with IC's and provide fast switching for multiplexing. These lamps feature wide view angles, low power consumption, 0.200" DIP lead spacing and the ability to panel mount.

### Grommet for CMD5X173 Series



### ELECTRO - OPTICAL CHARACTERISTICS

Part Number	Emitted Color	Lens Color	Lens Type	Luminous Intensity			Forward Voltage			Capacitance pF Vr=0, f=1Mhz	Peak Wavelength (nm)	View Angle (Degrees)
				Min. mcd	Typ. mcd	mA	Typ.	Max.	mA			
CMD53173	Yellow	Yellow	Diffused	4.5	—	20	2.0	2.5	20	35	585	120
CMD54173	H.E. Green	White	Diffused	4.5	—	20	2.2	3.0	20	20	562	120
CMD57173	H.E. Red	Red	Diffused	4.5	—	20	2.0	2.5	20	35	635	120

### ABSOLUTE MAXIMUM RATINGS

	H.E. Red and Yellow	H.E. Green	H.E. Red	Units
Power Dissipation .....	200	200	200	mW
Storage/Operating Temperature .....	-40 to +85	-40 to +85	-40 to +85	C
Lead Solder Time at 260° C .....	5	5	5	Seconds
Peak Forward Current * .....	1000	90	1000	mA
Reverse Voltage (IR = 100µA) .....	5.0	5.0	5.0	V
Average Forward Current .....	25	30	35	mA

### TYPICAL CHARACTERISTIC CURVES

Pin #	Electrical Connections
1	Cathode 1
2	No Pin
3	Anode 2
4	Cathode 2
5	N C
6	Anode 1

