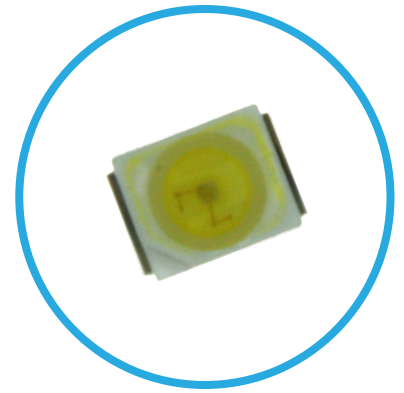


CMD67-22 Series Surface Mount LEDs

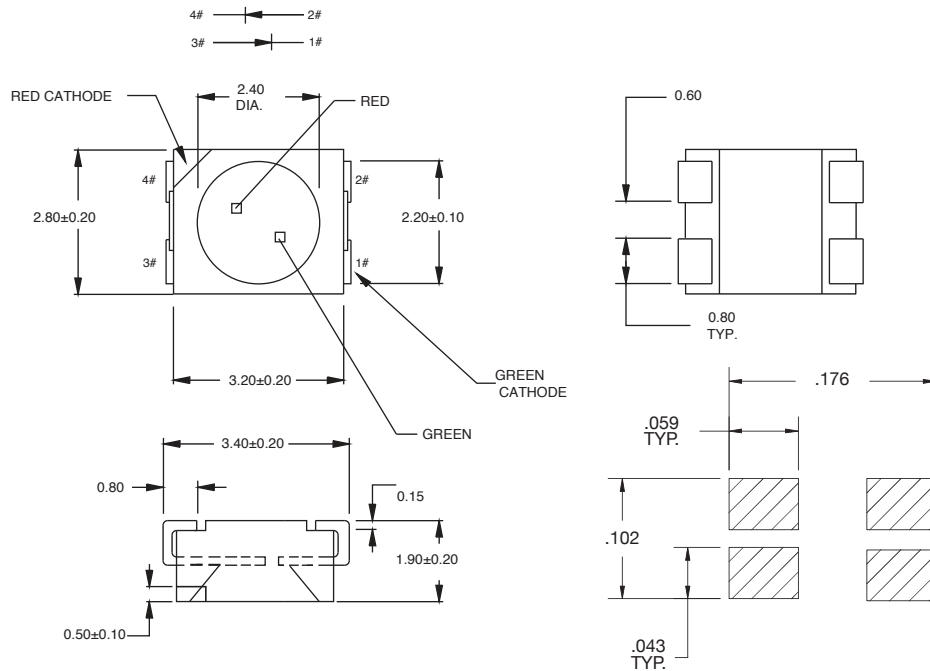
Leading Edge LED Optoelectronic Performance



Key Features

- Tape and reel packaged for high-speed autoinsertion
- Convection and vapor-phase reflow compatible
- Compact form enables high density placement
- Packaged 2000 pieces per reel
- Consistent high brightness
- Integral lensing for narrow angle light dispersion
- Stringent process controls assure quality
- Extensive qualification testing to meet strictest requirements
- Designed to permit easy post-reflow solder joint inspection

Product Dimensions



Notes:

All dimensions are in mm

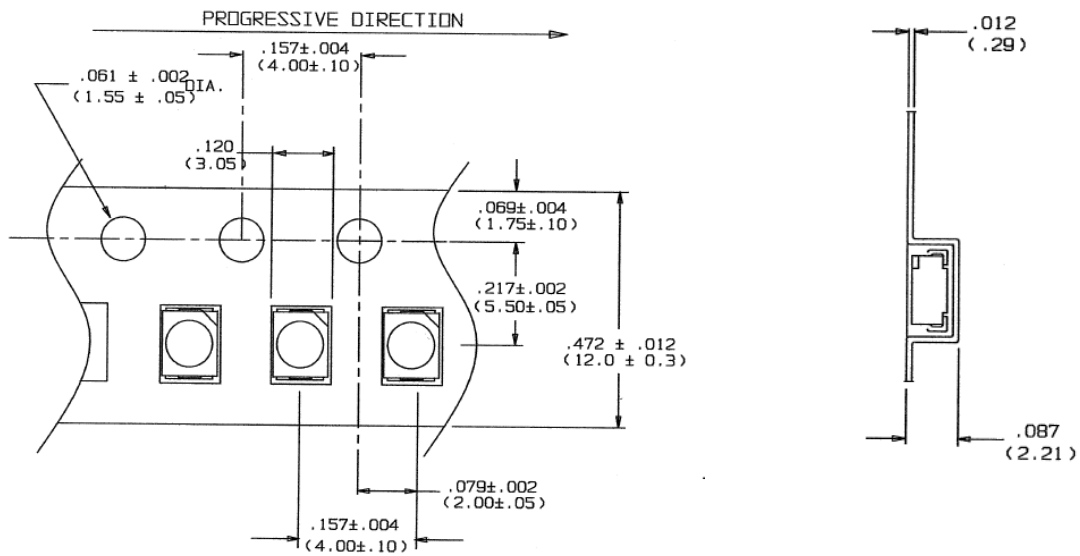
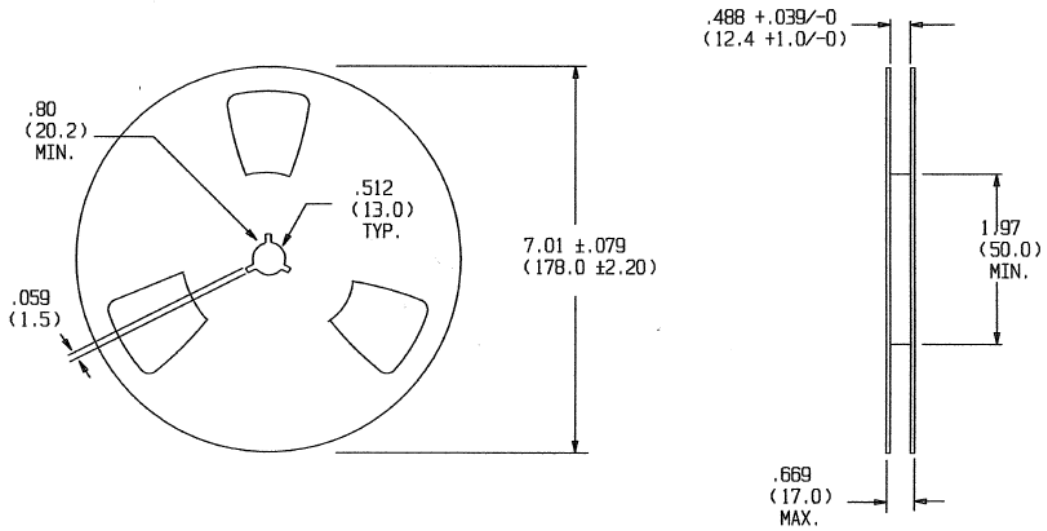
Electro-Optical Characteristics and Ratings

Part Number	CMD67-VRVGCTR8		CMD6722VRVGCTR8	
Output Color	H.E. Red	Green	Super Red	Green
Package Color	Clear	Clear	Clear	Clear
Test Current (mA)	20	20	20	20
Forward Voltage Min. (V)	1.7	1.7	-	-
Forward Voltage Typ. (V)	-	-	1.7	2.1
Forward Voltage Max. (V)	2.4	2.4	2.4	2.4
Luminous Intensity Min. (mcd)	7.2	11.5	19.3	15.0
Luminous Intensity Typ. (mcd)	-	-	32.2	25.1
Luminous Intensity Max. (mcd)	28.5	45	-	-
Peak Wavelength (nm)	640	570	660	570
Viewing Angle 20 1/2 (degrees)	120	120	120	120
Power Dissipation (mW)	100	100	110	100
Operating Temperature (°C)	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Storage Temperature (°C)	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Peak Forward Current Max. (1μs @ 10% duty cycle) (mA)	60	60	80	60
Reverse Voltage (IR=100μA) (V)	5.0	5.0	5.0	5.0
Lead Solder Time @ 260°C	5	5	5	5

Tape and Reel Dimensions

NOTES:

1. QUANTITY OF LED'S PER REEL: 2000 PIECES
2. LED'S TAPED AND REELED AS PER EIA SPEC 481-1-A.



LED'S TAPED AND REELED AS PER EIA SPEC 481-1-A

Compliances and Approvals



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

VCC:

[CMD6722SRUGCTR8](#)