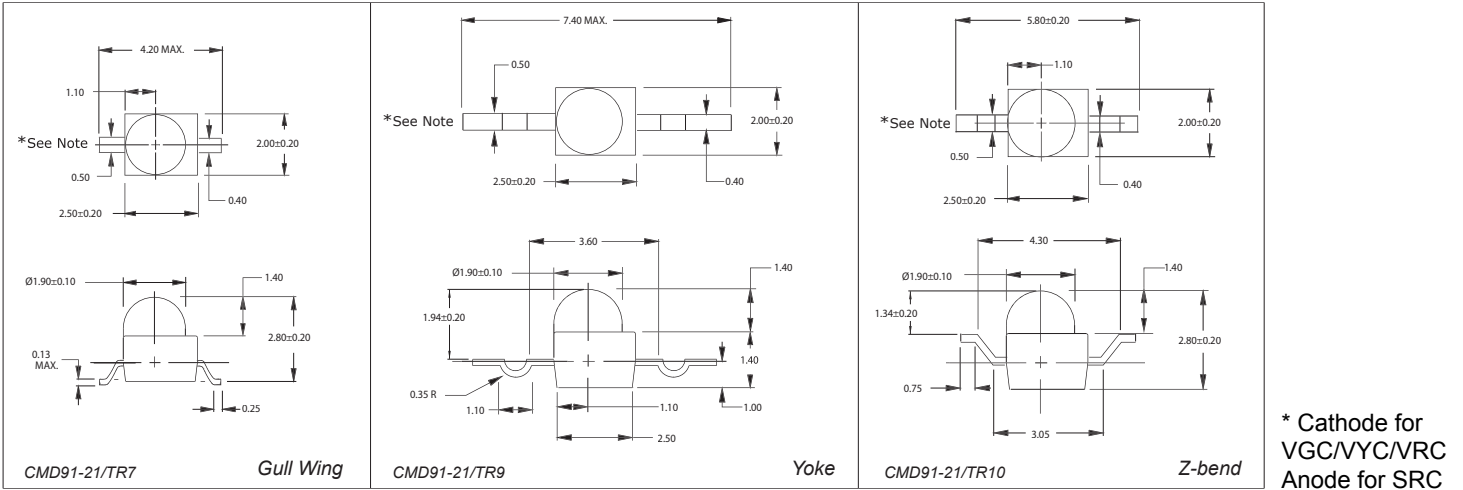


## CMD91-21/TR7, TR9, TR10 Series SMT LEDs

### Description and Features

All dimensions in mm.



#### Surface Mount Technology

- Tape and reel packaged for high-speed autoinsertion.
- Convection and vapor-phase reflow compatible.
- Compact form enables high density placement.
- RoHS Compliant

#### Leading Edge LED Optoelectronic Performance

- Consistent high brightness.
- Gull wing, Yoke or Z-bend lead configuration.

#### Exceptional Reliability

- Stringent process controls assure quality.
- Extensive qualification testing to meet strictest requirements.
- Designed to permit easy post-reflow solder joint inspection.

## Electro-Optical Characteristics

Part Number	Emitted Color	Lens Color	Luminous Intensity@20Ma		Forward Voltage		Viewing Angle (degrees)	Peak Wavelength (nm)
			Min. (mcd)	Typ. (mcd)	Typ. (V)	Max. (V)		
CMD91-21VGC/TR7/TR9/TR10	Green	Clear	30.0	50.0	2.1	2.8	25	565
CMD91-21VYC/TR7/-/TR10	Yellow	Clear	18.0	30.0	2.0	2.8	25	585
CMD91-21VRC/TR7/-/TR10	H.E. Red	Clear	48.0	80.0	2.0	2.8	25	640
CMD91-21SRC/TR7	Red	Clear	113.0	170.0	1.7	2.4	25	660

## Absolute Maximum Ratings

	Green	H.E.Red	Yellow	Red	Units
Power Dissipation.....	105.....	105.....	105.....	100.....	mW
Storage/Operating Temperature.....	-40 to +85.....	-40 to +85.....	-40 to +85.....	-40 to +85.....	°C
Peak Forward Current (1µs @ 10% duty cycle).....	150.....	150.....	150.....	150.....	mA
Reverse Voltage (IR=100µA).....	4.0.....	4.0.....	4.0.....	4.0.....	V
Lead Solder Time @ 260°C.....	5.....	5.....	5.....	5.....	Seconds
Average Forward Current.....	25.....	30.....	30.....	30.....	mA

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Standard LEDs - SMD category](#):*

*Click to view products by [Visual Communications manufacturer](#):*

Other Similar products are found below :

[LTST-C19GD2WT](#) [LTST-N683GBEW](#) [597-3006-607F](#) [LTW-170ZDC](#) [597-3403-607F](#) [LTW-K140SZR40](#) [LTW-M140ZVS](#) [598-8110-100F](#)  
[598-8170-100F](#) [598-8610-202F](#) [7012X7](#) [AAAF5060QBFSEEZGS](#) [1383SURT/S530-A3/TR1\(R\)](#) [APT1608QGW](#) [EASV1803BA0](#) [HSMQ-](#)  
[C197](#) [SML310BATT86](#) [SML-512VWT86A](#) [SML-LX0606SISUGC/A](#) [SML-LXL1307SRC-TR](#) [SML-LXR851SIUPGUBC](#) [LT1ED53A](#)  
[FAT801-S](#) [SSL-LXA227IC-TR31A](#) [AM27ZGC03](#) [APB3025SGNC](#) [APFA3010SURKCGKQBDC](#) [APHK1608VGCA](#) [APT2012QGW](#)  
[CLMVC-FKA-CA1E1L81BB7C3C3](#) [CLYBA-FKA-CFHHL9BBB7A363](#) [CMD11504UR](#) [LTST-C250KGKT](#) [LTW-020ZDCG](#) [LTW-21TS5](#)  
[LTW-K140SZR30](#) [HSMY-C177](#) [UYGT801-S](#) [KVH1C100MF6R](#) [YGFR411-H](#) [597-2311-402F](#) [597-2712-602F](#) [5973212407NF](#) [597-3302-](#)  
[607F](#) [597-5202-407F](#) [598-8330-117F](#) [SAW8WA2A-L35M40-CA](#) [SML013WBDW1](#) [SML522BUWT86](#) [SML-LX0402IC-TR](#)