



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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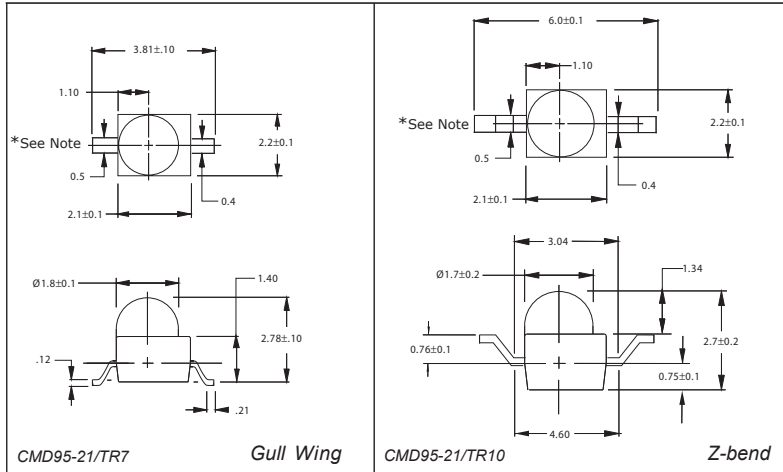
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CMD95-21/TR7,TR10 Series SMT LEDs

Description and Features



* Cathode for
VGC/YC/MRC
Anode for SRC

Surface Mount Technology

- Tape and reel packaged for high-speed autoinsertion.
- Convection and vapor-phase reflow compatible.
- Compact form enables high density placement.
- 1000 pieces per reel.
- Gull wing or Z-bend lead configuration.
- RoHS Compliant

Exceptional Reliability

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

Leading Edge LED Optoelectronic Performance

- Consistent high brightness.

Electro-Optical Characteristics

Part Number	Emitted Color	Lens Color	Luminous Intensity		Forward Voltage		Viewing Angle (degrees)	Peak Wavelength (nm)
			Min. (mcd)	Typ. (mcd)	Typ. (V)	Max. (V)		
CMD95-21VYC/TR7	Yellow	Clear	16.0	25.0	2.0	2.8	25	585
CMD95-21VRC/TR7	Red	Clear	16.0	25.0	2.0	2.8	25	640
CMD95-21SRC/TR7	Red	Clear	60.0	100.0	1.7	2.4	25	660
CMD95-21VGC/TR10	Green	Clear	11.5	19.5	2.1	2.8	25	570
CMD95-21VYC/TR10	Yellow	Clear	16.0	25.0	2.0	2.8	25	585
CMD95-21VRC/TR10	Red	Clear	16.0	25.0	2.0	2.8	25	640
CMD95-21SRC/TR10	Red	Clear	60.0	100.0	1.7	2.4	25	660

Absolute Maximum Ratings

	Green	Yellow	Red	Units
Power Dissipation.....	105.....	105.....	100.....	mW
Storage.....	-40 to +100.....	-40 to +100.....	-40 to +100.....	°C
Operating Temperature.....	-40 to +85.....	-40 to +85.....	-40 to +85.....	°C
Peak Forward Current (1µs @ 10% duty cycle).....	150.....	150.....	150.....	mA
Reverse Voltage (IR=100µA).....	5.0.....	5.0.....	5.0.....	V
Lead Solder Time @ 260°C.....	5.....	5.....	5.....	Seconds
Forward Current.....	25.....	30.....	30.....	mA