



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!



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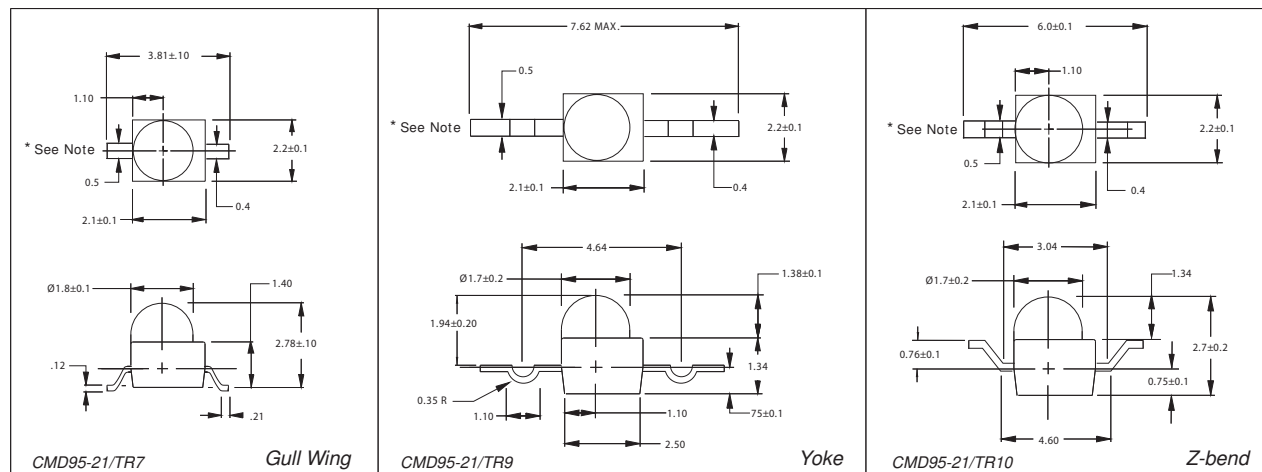
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CMD95-21/TR7, TR9, TR10 Series SMT LEDs

DESCRIPTION AND FEATURES



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, Yoke or Z-bend lead configurations.

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.

All dimensions in mm.

* Cathode for VGC/VYC/VRC
 Anode for SRC

ELECTRO-OPTICAL CHARACTERISTICS

Part Number	Emitted Color	Lens Color	Luminous Intensity		Forward Voltage		Viewing Angle (degrees)	Peak Wavelength (nm)	Package Type
			Min. (mcd)	Typ. (mcd)	Typ. (V)	Max. (V)			
CMD95-21VGC/TR7	Green	Clear	11.5	19.5	2.1	2.8	25	570	Single
CMD95-21VYC/TR7	Yellow	Clear	16.0	25.0	2.0	2.8	25	585	Single
CMD95-21VRC/TR7	Red	Clear	16.0	25.0	2.0	2.8	25	640	Single
CMD95-21SRC/TR7	Red	Clear	60.0	100.0	1.7	2.4	25	660	Single
CMD95-21VGC/TR9	Green	Clear	11.5	19.5	2.1	2.8	25	570	Single
CMD95-21VYC/TR9	Yellow	Clear	16.0	25.0	2.0	2.8	25	585	Single
CMD95-21VRC/TR9	Red	Clear	16.0	25.0	2.0	2.8	25	640	Single
CMD95-21SRC/TR9	Red	Clear	60.0	100.0	1.7	2.4	25	660	Single
CMD95-21VGC/TR10	Green	Clear	11.5	19.5	2.1	2.8	25	570	Single
CMD95-21VYC/TR10	Yellow	Clear	16.0	25.0	2.0	2.8	25	585	Single
CMD95-21VRC/TR10	Red	Clear	16.0	25.0	2.0	2.8	25	640	Single
CMD95-21SRC/TR10	Red	Clear	60.0	100.0	1.7	2.4	25	660	Single

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

Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product