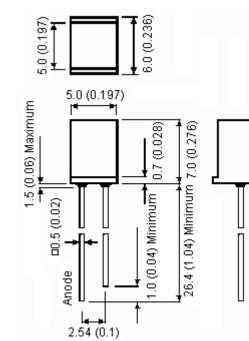
	PART NO.			REVISIONS							
	I ⁻ I	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
		-	А	RELEASED	Veena	25/6/08	Suresh	25/6/08	G. C	10/7/08	



Dimensions : Millimetres (Inches)

Specification	s:
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•	
Dice material	: GaAsP on GaP.
Emitted color	: Yellow.
Lens color	: Yellow diffused.
Peak wavelength	: 587nm.
Viewing angle	: 150 degrees.
Luminous intensity (IV)	: 3.4mcd.

Electrical/Optical Characterisitics at $T_a = 25^{\circ}C$

Parameter	Symbol	Minimum	Typical	Maximum	Unit	Test
Luminous Intensity	IV	1.5	3.4	4.6	mcd	IF = 20mA
Viewing Angle	20 1/2	-	150	-	degrees	IF - 2011A
Peak Emission Wavelength	• p	-	587	-		-
Dominant Wavelength	• 10	-	590	-	nm	-
Spectral Line Half-Width	Δλ	-	35	-		-
Forward Voltage	VF	1.7	2.1	2.6	V	IF = 20mA
Power Dissipation	Pd	-	-	85	-	-
Peak Forward Current (Duty 1/10 at 1KHz)	IF (Peak)	-	-	100	-	-
Recommended Operating Current	IF (Rec)	-	20	-	mA	-

RoHS Compliant

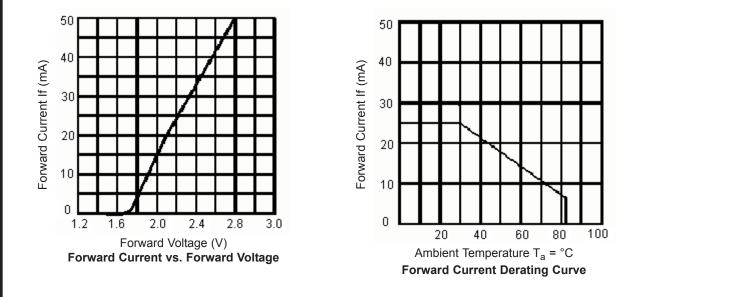
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	UNLESS OTHERWISE	Veena	25/06/08	5.0mm x 5.0mm x 7.0mm Square LED Lamp - Yellow						
	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE		REV		
	DIMENSIONS ARE FOR REFERENCE	Suresh	25/06/08	Δ	M10001267			A		
	PURPOSES ONLY.	APPROVED BY:	DATE:				_			
		G.Cook	10/07/08	SCALE: NTS	U.O.M.: mm (Inches)		SHEET: 1 (OF 4		

	PART NO.	REVISIONS								
	-	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	А	RELEASED	Veena	25/6/08	Suresh	25/6/08	G. C	10/7/08

Absolute Maximum Ratings ($T_a = 25^{\circ}C$)

Reverse Voltage	5 Volt
Reverse Current	10μA (V _R = 5V)
Operating Temperature Range	-40°C to 85°C
Storage Temperature Range	-40°C to 100°C
Lead Soldering Temperature Range 1.6mm (1/16 inch) from body	260°C for 5 Seconds

Yellow (GaAsP/GaP λ P = 587nm)



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information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change with	UNLESS OTHERWISE	Veena	25/06/08	5.0mm x 5.0mm x 7.0mm Square LED Lamp - Yellow						
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data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or	DIMENSIONS ARE FOR REFERENCE	Suresh	25/06/08				L293YD DWG			
use of it (including liability resulting from negligence or where the Group was aware of	PURPOSES ONLY.	APPROVED BY:	DATE:			L				
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				REVISIONS							
multicomp	PART NO.	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
	MCL293YD		А	RELEASED	Veena	25/6/08	Suresh	25/6/08	G. C	10/7/08	
Yellow (GaAsP/GaP λP =	587nm)										
A.0 A.0 A.0 A.0 A.0 A.0 A.0 A.0											
Blue Blue GaN InGaN 0.5 0.0 0.5 0.0 0.5 0.0 0.5	Bellevel and the second										
	Wavelength λ (nm) Relative Intensity vs. Wavele	ength									
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orisited. Liability for loss or damage exulting from any reliance on thio final ori ornited. Liability for loss or damage exulting from negligence or where the Group was the possibility of such loss or damage arising) is excluded. This will not ope or restrict the Group's liability for death or personal injury resulting from its r SPC MULTICOMP is the registered trademark of the Group. © Premier Farr	auton or aware of ate to limit equigence. APPROVED BY		DA1 10/07/	E:	VI.: mm (i	nches)		SHEET:		F 4	

multicomp	PART NO.		REVISIONS										
	I	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE			
		-	Α	RELEASED	Veena	25/6/08	Suresh	25/6/08	G. C	10/7/08			

Part Number Table

Description	Part Number
LED, 5mm x 5mm, 150°, Yellow	MCL293YD

http://www.farnell.com

http://www.newark.com

http://www.cpc.co.uk

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	UNLESS OTHERWISE	Veena	25/06/08	5.0mm x 5.0mm x 7.0mm Square LED Lamp - Yellov						
	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE		REV		
	DIMENSIONS ARE	Suresh	25/06/08		M10001267		D_DWG	A		
	PURPOSES ONLY.	APPROVED BY:	DATE:			I				
		G.Cook	10/07/08	SCALE: NTS	U.O.M.: mm (Inches)		SHEET: 4 (OF 4		