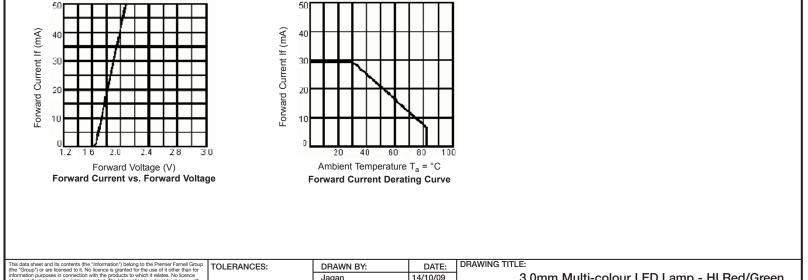
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$\int_{C} \int_{C} \int_{C$	$\int_{a} \int_{a} \int_{a$	-				_		n		Jagai	14/10/09	Shunar	14/10/09	ramen	20/
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2.54 (0.1) 2.54 (0.1) Dimensions : Millimetres (Inches) Spectral Line Half-Width Δλ - 20/30 - - Forward Voltage VF 1.5/1.7 1.8/2.1 2.5/2.6 V IF = 20mA	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	ē↓ 20 °₽−	<u> </u>	Peak Emission Wa	avelength	•	p	-	660/568	-				-	
Dimensions : Millimetres (Inches) Spectral Line Half-Width Δλ - 20/30 - - Forward Voltage VF 1.5/1.7 1.8/2.1 2.5/2.6 V IF = 20mA	Dimensions : Millimetres (Inches) Spectral Line Half-Width Δλ - 20/30 - - Forward Voltage VF 1.5/1.7 1.8/2.1 2.5/2.6 V IF = 20mA Power Dissipation Pd - - 85 - - Peak Forward Current (Duty 1/10 at 1KHz) IF (Peak) - - 100 - - Recommended Operating IF (Peac) - 20 - mA -		T 1)	Dominant Waveler	ngth	•	Ð	-	643/570	-	- I	nm	-		
	Power Dissipation Pd - 85 - Peak Forward Current (Duty 1/10 at 1KHz) IF (Peak) - - 100 - Recommended Operating IF (Peac) - 20 - -			Spectral Line Half-	-Width	Δλ		-	20/30	-				-	
Power Dissination Pd	Peak Forward Current (Duty 1/10 at 1KHz) IF (Peak) - - 100 - - Recommended Operating IF (Peac) - 20 - mA -			Forward Voltage		VF		1.5/1.7	1.8/2.1	2.5/2.6		V	IF =	20mA	
	(Duty 1/10 at 1KHz) IF (Peak) - - 100 - - Recommended Operating IF (Peak) - 20 - mA -			Power Dissipation		Pd		-	-	85		-		-	
						IF (P	ak) -	-	-	100		-	-	-	
					perating	IF (Re	ec)	-	20	-	r	mA		-	
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	PART NO.			REVISIONS						
multicomp		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
• • • • • • • • • • •	MCL039PURGW	-	Α	RELEASED	Jagan	14/10/09	Sridhar	14/10/09	Farnell	28/10/09

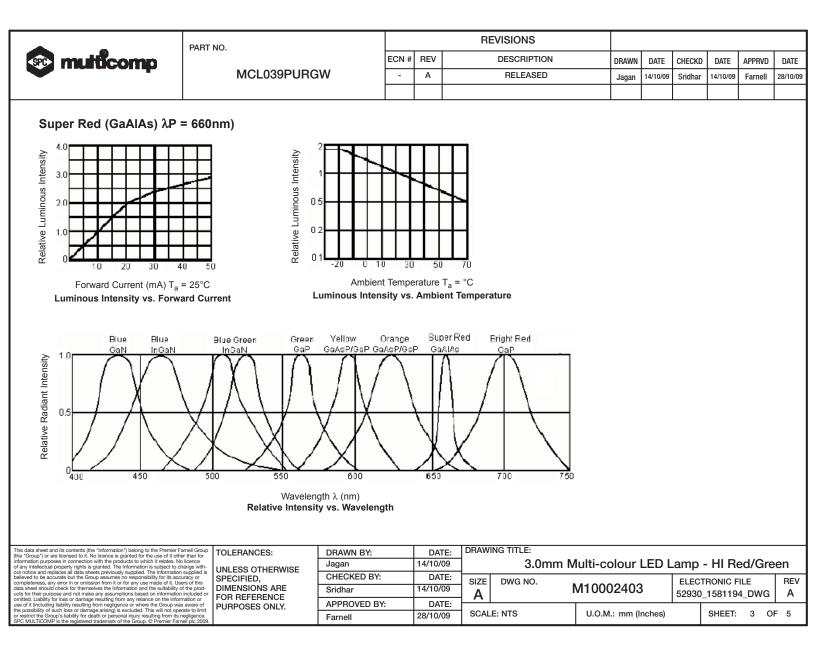
Absolute Maximum Ratings ($T_a = 25^{\circ}C$)

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

Super Red (GaAlAs) λP = 660nm)



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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	Jagan	14/10/09		3.0mm M	/lulti-colour LED Lamp - HI Red/0			I/Gree	en 📘
out notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this	SPECIFIED,	CHECKED BY:	DATE:	SIZE	DWG NO.		ELEC	TRONIC FILE	ε	REV
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	Sridhar	14/10/09	Δ	N	V10002403	52930	930 1581194 DWG		A
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or restrict the Group's liability for death or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Famell plc 2009.		Farnell	28/10/09	SCALE: NTS		U.O.M.: mm (Inches)		SHEET: 2 O		5



	PART NO.				REVISIONS						
	PANT NO.		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	MCL039PURC	GW	-	A	RELEASED	Jagan	14/10/09	Sridhar	14/10/09	Farnell	28/10/09
Green (GaP λP = 568nm (W) Humon Diagonal (Marcon Current function) All forward Current function (MA) Tagenti forward Current function) Forward Current function (MA) Tagenti forward Current forward Curent forward Current forwar	Forward Current If (mA)	Ambie Forward 0 5 0.2 0.1 -20 0 1	l Curre	perature nt Dera	T _a = °C ting Curve						
Luminous Intensity vs. Forv		Luminous Inter	nsity vs	s. Ambie	ent Temperature						
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information purposes in connection with the products to which it relates. No of any intellectual property rights is granted. The Information is subject to ch out portice and replaces all data sheets previously supplied. The Information		Jagan		14/10/0) 3.0mm N	/lulti-colour	LED L	.amp -	HIR	ed/Gre	en
but notice and replaces an data sheets previously supplied. The information believed to be accurate but the Group assumes no responsibility for its accu- completeness, any error in or omission from it or for any use made of it. Use data sheet should check for themselves the information and the suitability of	rs of this SPECIFIED,	CHECKED BY:		DATE 14/10/09	J SIZE DWG NO.	M10002403	2	1	RONIC F		REV
ucts for their purpose and not make any assumptions based on information omitted. Liability for loss or damage resulting from any reliance on the Inform use of it (including liability resulting from negligence or where the Group was	The second secon	Sridhar APPROVED BY:		DATE			, 	52930_	158119	4_DWG	A
the possibility of such loss or damage arising) is excluded. This will not oper or restrict the Group's liability for death or personal injury resulting from its n SPC MULTICOMP is the registered trademark of the Group. © Premier Farm		Farnell		28/10/09		U.O.M.: mm (nches)		SHEET:	4 O	F 5

	PART NO.			REVISIONS						
multicomp		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	MCL039PURGW	-	A	RELEASED	Jagan	14/10/09	Sridhar	14/10/09	Farnell	28/10/09
Green (GaP λP = 568nm)										
Blue Blue		Orange	Super							
≥ 1.0 GaN InGaN		aAsP/GaF	P GaAlA							
Relative Radiant Intensity	500 550 630		650	700 750						
	Wavelength λ (nm) Relative Intensity vs. Waveleng	ith								
	Relative intensity vs. Waveleng	, cri								
Part Number Table										
Description	Part Number									
LED, 3mm, HI-Red/Green	MCL039PURGW									
							http://www http://www	w.newark.	com	
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or o mouncowin is the registered trademark of the droup. @ Premier Parr	on pic 2008.									