	PART NO.			REV	/ISIONS							
multicomp		ECN # REV		I	DESCRIPTIO	ESCRIPTION		DATE CHECK	CHECKD	D DATE A	APPRVD	DATE
	MCL-S270GC	-	A		RELEASED	)	Geetha	28/5/08	Suresh	28/5/08	G. C	12/6/0
Cathode mark 1.25		Specific Dice mate Emitted co Epoxy col Peak wav Viewing a Luminous	erial olor or elength ngle intensit	: Ga : Gr : Wa : 56 : 14 : y (IV) : 10	een. ater clear. 8nm. 0 degrees. mcd.				ġ	Ro Co	HS mpliant	
	* / 1.1	Electric			ractorict	ice at T	= 25°C					
→ 0.6	Resin PCB		Parame	otical Char	Symbol	Minimum	Typical	Maxi	imum	Unit	Те	est
			Parame	eter					<b>imum</b> 16	<b>Unit</b> mcd	_	
1 1	Contract Contrac		Parame	eter	Symbol	Minimum	Typical	1			IF = 2	
Soldering	Contract Contrac	Luminou Viewing	Parame us Inten Angle	eter	Symbol	Minimum 4.5	<b>Typical</b> 10	1	16	mcd	IF = 2	20mA
Soldering terminal Cathode	Contract Contrac	Luminou Viewing	Parame us Inten Angle nission	eter sity Wavelength	Symbol       IV       2θ 1/2	Minimum       4.5	<b>Typical</b> 10 140	1	-	mcd	IF = 2	20mA -
Soldering terminal	Resin PCB Recommended Soldering Patten for Reflow Soldering 1.2	Luminou Viewing Peak En	Parame us Inten Angle nission nt Wave	eter sity Wavelength elength	Symbol       IV       2θ 1/2       p	Minimum       4.5       -       -	<b>Typical</b> 10 140 568	1	16 - -	mcd degrees	IF = 2	20mA - -
Soldering terminal Cathode	Resin PCB  Recommended Soldering Patten for Reflow Soldering  1.2  1.2  0.9  1.2	Luminou Viewing Peak En Dominar	Parame us Inten Angle nission nt Wave Line H	eter sity Wavelength elength alf-Width	Symbol       IV       2θ 1/2       p       D	Minimum       4.5       -       -       -       -       -	<b>Typical</b> 10 140 568 570		16 - - -	mcd degrees	IF = 2	20mA - -
Soldering terminal Cathode	Resin PCB Recommended Soldering Patten for Reflow Soldering 1.2	Luminou Viewing Peak En Dominar Spectral Forward Power D	Parame is Inten Angle nission nt Wave Line H Voltage	eter sity Wavelength elength alf-Width e on	Symbol       IV       2θ 1/2       p       D       Δλ	Minimum       4.5       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	<b>Typical</b> 10 140 568 570 30	2	16 - - - -	mcd degrees nm	IF = 2	20mA - -
Soldering terminal Cathode	Resin PCB  Recommended Soldering Patten for Reflow Soldering  1.2  1.2  0.9  1.2  The polarity is reversed	Luminou Viewing Peak En Dominar Spectral Forward Power D Peak Fo (Duty 1/	Parame is Inten Angle nission nt Wave Line H Voltage Dissipati prward ( 10 at 1	eter sity Wavelength elength alf-Width e on Current	Symbol       IV       2θ 1/2       p       D       Δλ       VF	Minimum       4.5       -       -       -       -       1.7	<b>Typical</b> 10 140 568 570 30 2.1	2	16 - - - 2.6	mcd degrees nm V	IF = 2	20mA - - 20mA

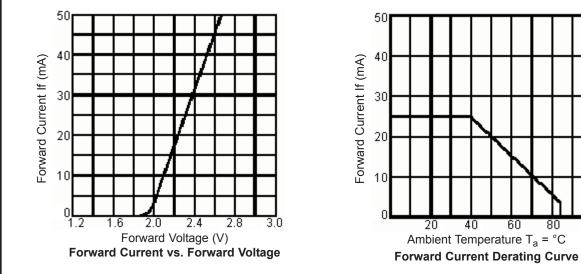
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data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or	DIMENSIONS ARE	Suresh	28/05/08		M10001152	L-S270GC DWG		A
childred Edulity for loco of damage recalling formation of the montation of	PURPOSES ONLY.	APPROVED BY:	DATE:					_
or restrict the Group's liability or death or personal injury resulting from this winno operate to immu- server the Group's liability for death or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2008.		G.Cook	12/06/08	SCALE: NTS	U.O.M.: mm		SHEET: 1 C	DF 4

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		-	А	RELEASED	Geetha	28/5/08	Suresh	28/5/08	G. C	12/6/08			
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## Absolute Maximum Ratings ( $T_a = 25^{\circ}C$ )

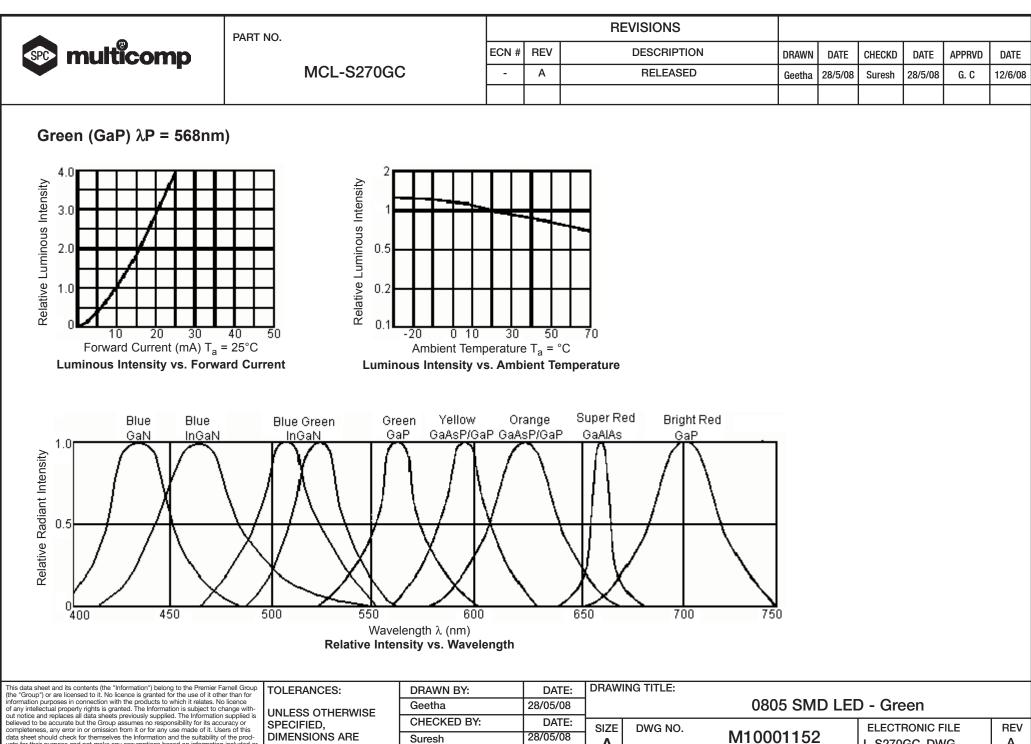
Reverse Voltage	5 Volt
Reverse Current	10μA (V <sub>R</sub> = 5V)
Operating Temperature Range	-40°C to 85°C
Storage Temperature Range	-40°C to 100°C
Lead Soldering Temperature Range 1.6mm (1/16 inch) from body	260°C for 5 Seconds

## Green (GaP) λP = 568nm)



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	DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	Suresh	28/05/08	Δ	M10001152	L-S270GC DWG	A
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		-	А	RELEASED	Geetha	28/5/08	Suresh	28/5/08	G. C	12/6/08			
	•				•								

## Part Number Table

Description	Part Number
LED, SMD, 0805, Green	MCL-S270GC

http://www.farnell.com

http://www.newark.com

http://www.cpc.co.uk

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