	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					imum 16	Unit 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	Typical 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	Typical 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 - -	Typical 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 - - - - -	Typical 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 - - - - - - - - - - - - - - -	Typical 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	Typical 10 140 568 570 30 2.1	2	16 - - - 2.6	mcd degrees nm V	IF = 2	20mA - - 20mA

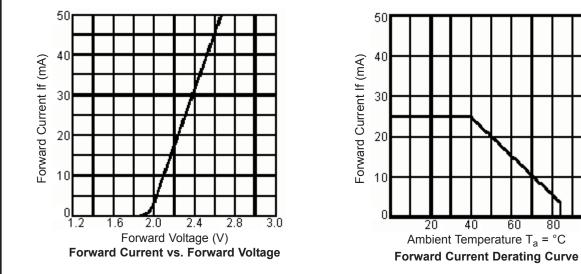
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believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELEC	TRONIC FILE	REV
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childred Edulity for loco of damage recalling formation of the montation of	PURPOSES ONLY.	APPROVED BY:	DATE:					_
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	PART NO.		REVISIONS										
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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 ($T_a = 25^{\circ}C$)

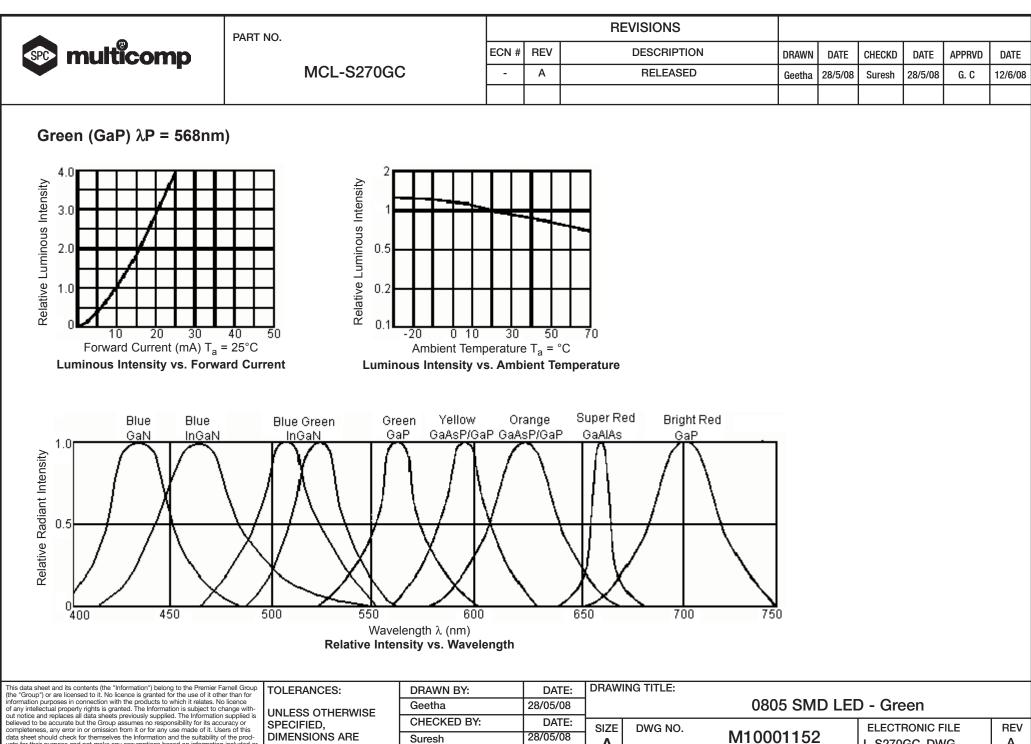
Reverse Voltage	5 Volt
Reverse Current	10μA (V _R = 5V)
Operating Temperature Range	-40°C to 85°C
Storage Temperature Range	-40°C to 100°C
Lead Soldering Temperature Range 1.6mm (1/16 inch) from body	260°C for 5 Seconds

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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Geetha	28/05/08		0805 SMD LED - Green									
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APPROVED BY:	DATE:											
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🐼 multicomp	-	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE			
		-	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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