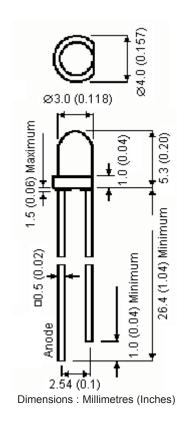
	PART NO.			REVISIONS						
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	MCL034GD	-	А	RELEASED	Geetha	26/5/08	Suresh	26/5/08	G. C	10/6/08



Specifications:

Dice material	: GaP.
Emitted color	: Green.
Lens color	: Green diffu
Peak wavelength	: 568nm.
Viewing angle	: 76 degrees
Luminous intensity (IV)	: 6mcd.

aterial	: GaP.
color	: Green.
olor	: Green diffused.
avelength	: 568nm.
angle	: 76 degrees.
us intensity (IV)	: 6mcd.



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

Parameter	Symbol	Minimum	Typical	Maximum	Unit	Test
Luminous Intensity	IV	3	6	10	mcd	IF = 20mA
Viewing Angle	20 1/2	-	76	-	degrees	IF – 2011A
Peak Emission Wavelength	• p	-	568	-		-
Dominant Wavelength	• 10	-	570	-	nm	-
Spectral Line Half-Width	Δλ	-	30	-	-	-
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	-

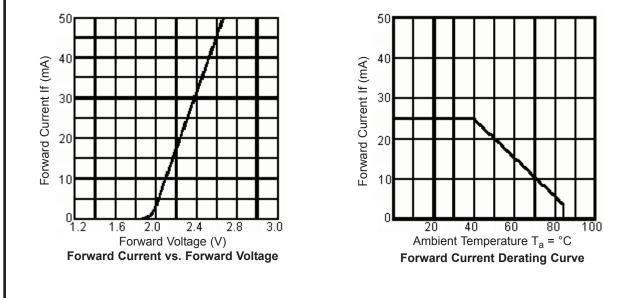
believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (Including liability resulting from negligence or where the Group was aware of	TOLERANCES:	DRAWN BY:	DATE:	DRAWING TITLE:					
	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE	Geetha	26/05/08	3.0mm Round LED Lamp - Green					
		CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE	REV		
		Suresh	26/05/08	Δ	M10001117	L034GD DWG	A		
	PURPOSES ONLY.	APPROVED BY:	DATE:			_			
the possibility of such loss or damage arising) is excluded. This will not operate to limit 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 Farnell plc 2008.		G.Cook	10/06/08	SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 C)F 4		

	PART NO.			REVISIONS						
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	MCL034GD	-	А	RELEASED	Geetha	26/5/08	Suresh	26/5/08	G. C	10/6/08

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

Green (GaP λ P = 568nm)



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	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.	E	LECTRONIC FILE	REV
	DIMENSIONS ARE	Suresh	26/05/08	Δ		034GD_DWG	Α
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💿 multicomp	PART NO.	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	MCL034GD	-	A	RELEASED	Geetha	<u> </u>	Suresh	26/5/08	G. C	10/6/08
Green (GaP λ P = 568nm) All of the sequence	AU 50 22°C AU AU 22°C AU AU AU AU AU AU AU AU AU AU AU AU AU A	. Ambie Or	ent Tempe	70 rature Super Red Bright Red GaP						
Belative R	500 550 600 Wavelength λ (nm)			50 700	750					
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	PART NO.			REVISIONS						
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	MCL034GD	-	А	RELEASED	Geetha	26/5/08	Suresh	26/5/08	G. C	10/6/08

Part Number Table

Description	Part Number
LED, 3mm, 70°, Green	MCL034GD

http://www.farnell.com

http://www.newark.com

http://www.cpc.co.uk

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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	26/05/08		LO	34GD 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 Farnell plc 2008.	resulting from its negligence.		10/06/08	SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 4 OI	F 4