

## PRODUCT CHANGE NOTIFICATION

PCN Number: 433

Date of Issue: 09/05/2017

PCN Effective Date: 09/05/2017

Last Time Buy Date: N/A

Last Time Ship Date: N/A

Type of Change: EOL

Title of Change: Obsolescence of CMD383UBC and Datasheet Updated

Reason of Change: The product datasheet for CMD383 Series is updated. The last page of this Product Change Notification shows the changed dimensions.

Notice: There have been no changes to the product itself, this is only a product datasheet update, available on the website.

LED Part Number CMD383UBC has been discontinued. There is no direct replacement material.

Sannah Vinding

Director of Product Development & Marketing: \_\_\_\_\_



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Form 7.2.3-1 Product Change Notification Rev 02/11/2016

<b>AFFECTED PART NUMBER</b>		
<b>Part Number</b>	<b>Description</b>	<b>Suggested Alternative Part Number(s)</b>
CMD383UBC	LED TH 5mm 4.9V 20mA 600mcd 12deg Blue	-

CMD264 and CMD383 Old Characteristics:

## Electro-Optical Characteristics and Ratings

PART NUMBER	T-1	T-1 3/4	
	CMD264UBD	CMD383UBC/H2	CMD383UBC
Output Color	Blue	Blue	<b>Removed</b>
Diffusion	Diffused	Non-Diffused	
Package Color	Blue	Clear	Clear
Test Current (mA)	20	20	20
Forward Voltage Typ. (V)	4.9	4.9	4.9
Forward Voltage Max. (V)	5.5	5.5	5.5
Luminous Intensity Min. (mcd)	63	250	600
Luminous Intensity Typ. (mcd)	100	350	800
Luminous Intensity Max. (mcd)	-	-	-
Peak Wavelength (nm)	430	430	430
Viewing Angle 20 1/2 (degrees)	45	24	12
Power Dissipation (mW)	98	98	98
Operating Temperature (°C)	-20 to +80	-20 to +80	-20 to +80
Storage Temperature (°C)	-20 to +80	-20 to +80	-20 to +80
Peak Forward Current Max. (1µs @ 10% duty cycle) (mA)	100	100	100
Reverse Voltage (IR=100µA) (V)	5	5	5
Lead Solder Time @ 260°C	5	5	5

CMD264 and CMD383 New Characteristics:

## Electro-Optical Characteristics and Ratings

PART NUMBER	T-1	T-1 3/4
	CMD264UBD	CMD383UBC/H2
Output Color	Blue	Blue
Diffusion	Diffused	Non-Diffused
Package Color	Blue	Clear
Test Current (mA)	20	20
Forward Voltage Typ. (V)	3.8	3.8
Forward Voltage Max. (V)	4.5	4.5
Luminous Intensity Min. (mcd)	60	400
Luminous Intensity Typ. (mcd)	110	630
Luminous Intensity Max. (mcd)	-	-
Peak Wavelength (nm)	428	430
Viewing Angle 20 1/2 (degrees)	32	30
Power Dissipation (mW)	140	70
Operating Temperature (°C)	-40 to +85	-40 to +80
Storage Temperature (°C)	-40 to +100	-40 to +100
Peak Forward Current Max. (1µs @ 10% duty cycle) (mA)	70	140
Reverse Voltage (IR=100µA) (V)	5	5
Lead Solder Time @ 260°C	5	5