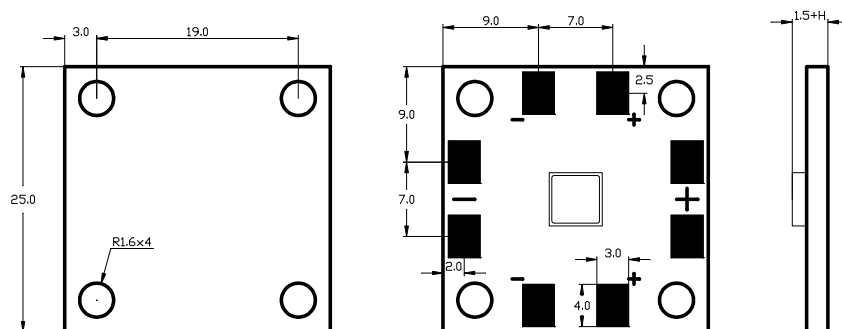


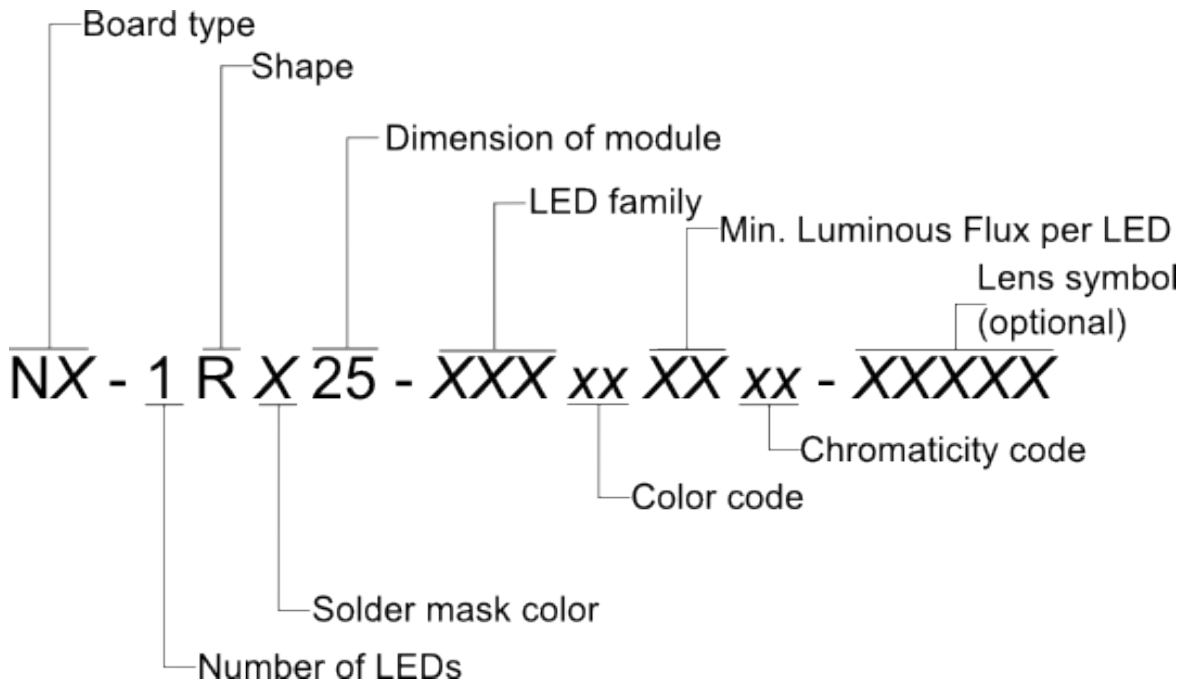
## SHORT DESCRIPTION

- Square MCPCB board with 25 mm dimension
- One LED
- Designed for Cree Xlamp High-Power LEDs MX-3, MX-3S, MX-6, MX-6S





# PRODUCT NOMENCLATURE



## Board Type<sup>1</sup>

NX - 1RX25- XXXxxXXxx- XXXXX

	H [mm]	Material	Dielectric thermal conductivity [W/(m·K)]	Dielectric thickness [μm]
<b>NV</b>	2	1060 Alloy	1.5	80
<b>NS</b>	1.6			
<b>NT</b>	2	5052 Alloy	2	60
<b>NC</b>	1.6			
<b>NM</b>	2	Cu	3	60
<b>NB</b>	2	5052	depends on design <sup>2</sup> 10÷50	60



## Shape

NX- 1R X25- XXXxxXXxx- XXXXX

Shape name	
<b>R</b>	Rectangular
<b>C</b>	Round
<b>S</b>	Star
<b>P</b>	Polygonal

## Soldermask Color<sup>3</sup>

NX- 1RX 25- XXXxxXXxx- XXXXX

Color name	
<b>B</b>	Black
<b>O</b>	Orange
<b>W</b>	White

## LED Family

NX- 1RX25- XXX xxXXxx- XXXXX

	Description	Suggested Board Type
<b>MX3</b>	Cree Xlamp MX-3 Type	NV, NS, NT, NC, NM
<b>MX3S</b>	Cree Xlamp MX-3S Type	NV, NS, NT, NC, NM
<b>MX6</b>	Cree Xlamp MX-6 Type	NV, NS, NT, NC, NM
<b>MX6S</b>	Cree Xlamp MX-6S Type	NV, NS, NT, NC, NM

## Color

NX- 1RX25- XXXxx XXxx- XXXXX

Color name	CTT Range [K]		Led families
	min	max	
<b>WC</b> Cool White	5000	8300	MX3, MX3S, MX6, MX6S
<b>80</b> 80-CRI White	2600	4300	MX6, MX6S
<b>WW</b> Warm White	2600	4300	MX3, MX3S, MX6, MX6S



## Minimal Luminous Flux per LED

NX- 1RX25- XXXxxXX xx- XXXXX

Please refer to proper CREE Binning & Labeling documentation (located at <http://www.cree.com/products/xlamp.asp>) paragraph "Luminous or radiant flux group".

## Chromaticity

NX- 1RX25- XXXxxXXxx - XXXXX

Please refer to proper CREE Binning & Labeling documentation (located at <http://www.cree.com/products/xlamp.asp>) paragraph "Chromaticity or dominant-wavelength group".

## Ordering Code Example

**NV-1RB25-MX3WCQ51D2** – 2 mm 1060 Alloy board with black soldermask, 1 MX3 cool white LED, Q51D2 bin,

**NV-1RB25-MX3WWP47D2** – 2 mm 1060 Alloy board with black soldermask, 1 MX3 warm white LED, P47D2 bin.

## ENVIROMENTAL CAUTION



It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities waste-management service or the seller of electrical and electronic devices.

## NOTES

- <sup>1</sup>Another thickness available on request.
- <sup>2</sup>Blind holes technology.
- <sup>3</sup>Another soldermask color available on request.