



**THE DATASHEET OF  
CA12123\_NIS83-2-SS**



## NIS83-2-SS

~15° smooth spot beam optimized for Nichia NS6x83. Assembly with black holder.

### TECHNICAL SPECIFICATIONS:

|                |         |
|----------------|---------|
| Dimensions     | 21.6 mm |
| Height         | 13.5 mm |
| Fastening      | tape    |
| ROHS compliant | yes ⓘ   |

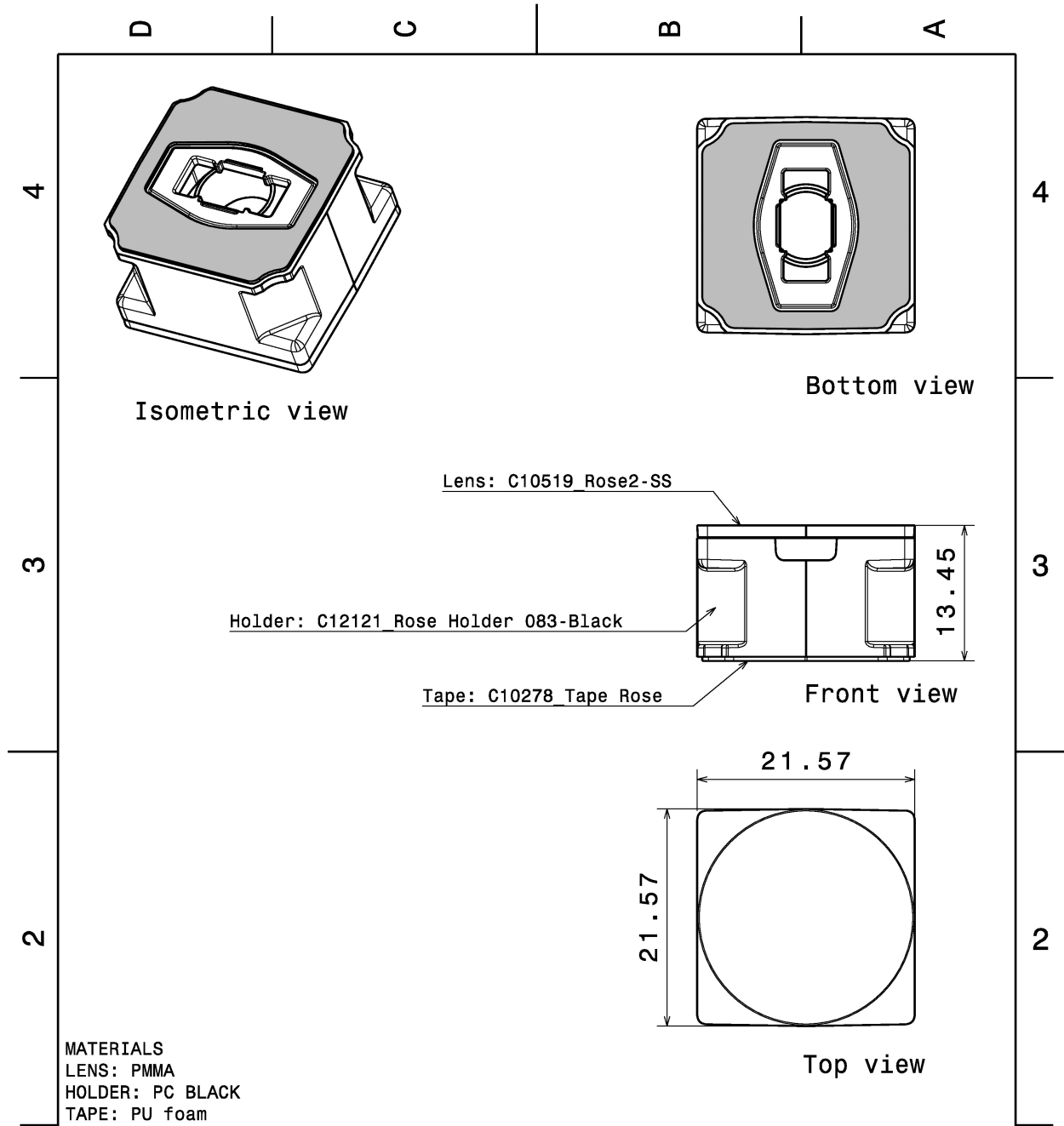
### MATERIAL SPECIFICATIONS:


| Component        | Type        | Material | Colour | Finish |
|------------------|-------------|----------|--------|--------|
| ROSE2-SS         | Single lens | PMMA     |        |        |
| ROSE-HLD-083-BLK | Holder      | PC       |        |        |
| ROSE-TAPE        | Tape        | PU tape  |        |        |



### ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA12123_NIS83-2-SS             | Single lens | 1440       |     | 180 | 0.0             |
| » Box size: 451 x 254 x 152 mm |             |            |     |     |                 |



|   |                    |  |                           |
|---|--------------------|--|---------------------------|
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| DRAWING TITLE   |                    | Drawing NIS83-2-SS Assembly  |                           |
| DRAWN BY<br>mav   | DATE<br>21.04.2011 | SIZE<br>A4   | DRAWING NUMBER<br>CA12123 |
| CHECKED BY<br>hh  | DATE<br>21.04.2011 | SCALE<br>2:1   | REV<br>1                  |
| DESIGNED BY<br>HH   | DATE<br>31.1.2007  | WEIGHT(g)<br>4.5   | SHEET<br>1/1              |

## PHOTOMETRIC DATA (MEASURED):



|                      |        |
|----------------------|--------|
| LED                  | NS6x83 |
| FWHM                 | 16.0°  |
| Efficiency           | %      |
| Peak intensity       | cd/lm  |
| LEDs/each optic      | 1      |
| Light colour         | White  |
| Required components: |        |

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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