CNX 310 Series
Build Your Own Indicator
For use with T-1 3/4 (5mm) LEDs

CNX 310 Series features modular panel mount indicator assemblies and mounting hardware and require no tools for assembly.

Key Features

- For panel hole diameter: 0.28" (7.14mm)
- Choice of 4 different types of lenses
- Terminations available: Stripped end, Single Row Locking Header or Single Row Plain Header
- Eliminates the need for soldering or crimping wires to fragile LED leads and deliver superior stability when subjected to forces of 2Gs, 4Gs and 6Gs from 0 to 2000 Hz
- Available in 6 standard wire lengths, from 4 to 24 inches
- Choice of 2 different wires colors: Black/White or Red/Black
- Standard wire gauge: 24 AWG
- Panel thickness ranges from 0.030" (0.762 mm) to 0.125" (3.175mm). Refer to Product Specifications for Technical Details
- 5mm LED, Lens, Clip and Spacer needs to be order separately
- Panel Clip CMC_285 is optional and designed to secure and center the LED into the panel
- Spacer SPC_060 made of EPDM rubber is optional and designed to seal against water, oil, air and dust
- For additional options please contact our Technical Sales Department
- RoHS and REACH Compliant
Product Dimensions

- PIN B = ANODE (+) WHITE LEAD
- PIN A = CATHODE [-] BLACK LEAD

Tolerances unless otherwise specified:
±0.005” (±12.7mm)

Accessories (Order Separately)

LED Through Hole
- LED 5mm

Spacer SPC
- SPC_060

Clip CMC 285 Series
- CMC_285_BLK (Black)
- CMC_285_CTP (Clear)

CMC 313 Series
- CMC_313_ATP
- CMC_313_BTP
- CMC_313_CTP
- CMC_313_GTP
- CMC_313_RTP
- CMC_313_YTP

CMC 321 Series
- CMC_321_ATP
- CMC_321_BTP
- CMC_321_CTP
- CMC_321_GTP
- CMC_321_RTP
- CMC_321_YTP

CMC 323 Series

CMS 323 Series
- CMS_322_ATP
- CMS_322_BTP
- CMS_322_CTP
- CMS_322_GTP
- CMS_322_RTP
- CMS_322_YTP
Ordering Data

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<th>TERMINATION</th>
<th>WIRE SIZE</th>
<th>WIRE COLOR</th>
<th>WIRE LENGTH</th>
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Ordering code example: CNX_310_012_E_4_1_12

Product Specifications

### Compliances

| Panel Connector Socket | Polypropylene, UL 94-HB |
| Header Connector       | Polyester, UL 94-V0     |
| Terminals              | Phosphor Bronze, Tin Plate |
| Wire                   | 24 AWG 1007/1569        |

### Installation Specifications

| Mounting Hole          | 9/32" (0.281") (7.14 mm) |
| Panel Thickness         | 0.030" - 0.125" (0.762mm - 3.175mm) |

### Panel Thickness / Spacers

- 0.030" - 0.045" (0.762mm - 1.143mm) Use 2 SPC_060
- 0.050" - 0.100" (1.27mm - 2.54mm) Use 1 SPC_060
- 0.105" - 0.125" (2.67mm - 3.175mm) No Spacer Required

### Lenses / LED Lead Length

<table>
<thead>
<tr>
<th>Lens or Clip</th>
<th>LED Lead Length</th>
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<td>CMC_285 (Clip)</td>
<td>0.350&quot; ± 0.01&quot; (8.89mm ± 0.254mm)</td>
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<tr>
<td>CMC_313, CMC_321, CMC_323, CMS_322</td>
<td>0.250&quot; ± 0.01&quot; (6.35mm ± 0.254mm)</td>
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Compliances and Approvals

[REACH, RoHS Compliant, VCC]