CNX K Series
Build Your Own Indicator
for Use With T-1 3/4 (5mm) LEDs

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

Applications

- Industrial
- Transportation
- Emergency Applications

- Maritime, Oil and Gas Industry
- Automation and Control
- People Movers

- Instrument Panels
- Gaming and Vending Machines
- Outdoor Applications

Key Features

- For panel hole diameter: 0.281″ (7.14mm)
- Terminations available: stripped end, locking connector and plain connector
- Eliminates the need for soldering or crimping wires
- Available wire gauge: 24 AWG
- Available in 6 standard wire lengths, from 4″ to 24″
- Choice of 2 different wires colors: White/Black or Red/Black
- Panel thickness ranges from 0.030″ (0.762mm) to .250″ (6.35mm)
- 5mm (T-1 3/4) LED (Flangeless only) needs to be ordered separately
- For additional options please contact our technical sales department
- U.S. and foreign patent issued
- RoHS and REACH Compliant

Ordering Data

Series	LED Termination	Wire Size	Wire Color	Wire Length
CNX K	G	4	1	12

		LED Termination		Wire Size		Wire Color		Wire Length	
	X	Stripped End	4	24 AWG	1	White-Black	04	4in (101.6mm)
	E	Single Row Locking Header			2	Red-Black	06	6in (152.4mm)
	G	Single Row Plain Header					08	8in (203.2mm)
							12	12in (304.8mm)
							18	18in (457.2mm)
							24	24in (609.6mm)

Example:

CNX_K_G_4_1_12

Single Row Plain Header, 24 AWG Wire Size, White/Black Wire Color, 12 Inch Wire Length
Shown with 5mm (T-1 3/4) Flangeless LED

*Call VCC for additional options

Terminations

Stripped End (X)
Wire color options

Single Row (E)
Locking Connector
2 Wires Option Only

Single Row (G)
Plain Connector
2 Wires Option Only

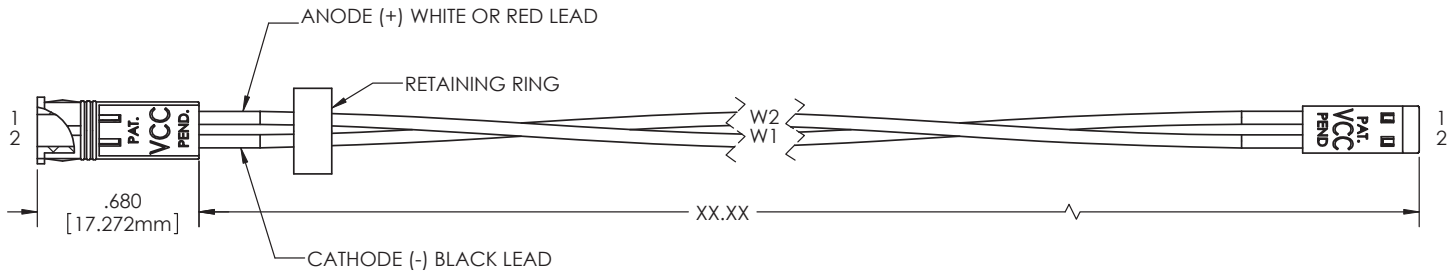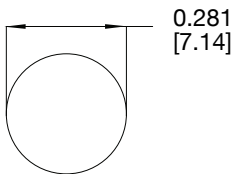## Accessories (Order Separately)

5mm (T-1 3/4)
Flangeless Only

RNG 242
Retainer Ring Option
RNG_242

Product Dimensions

ANODE (+) WHITE OR RED LEAD

RETAINING RING

W2
W1

1
2

1
2

.680
[17.272mm]

XX.XX

CATHODE (-) BLACK LEAD

Recommended Mounting Hole

0.281
[7.14]

Notes:

1. All dimensions are in inches [millimeters]
2. Tolerance is ± .500 [12.7] unless otherwise noted.
3. XX.XX refer to wire length
4. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

Product Specifications

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

Installation Specifications	
Mounting Hole	0.281″ (7.14mm)
Panel Thickness	.030″ (.762mm) Min - .250″ (6.35mm) Max Use RNG 242 retainer ring when additional security is required
LED Lead Length	5mm Flangeless LED .250″ (6.35mm)

Compliances and Approvals

REACH
COMPLIANCE

RoHS
COMPLIANT

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[VCC](#):
[CNX_K_G_4_1_08](#)