



CNX718 Series 11/16" LED Panel Mount Indicator

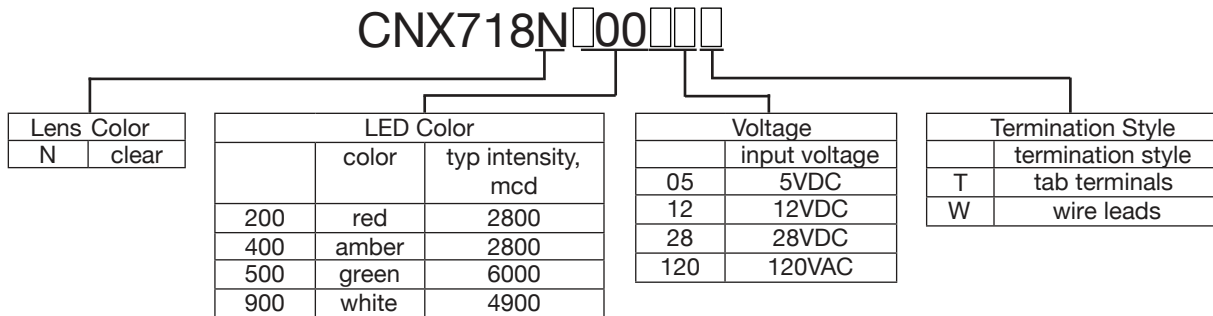
CNX718 Series features a high intensity LED with a wide viewing angle



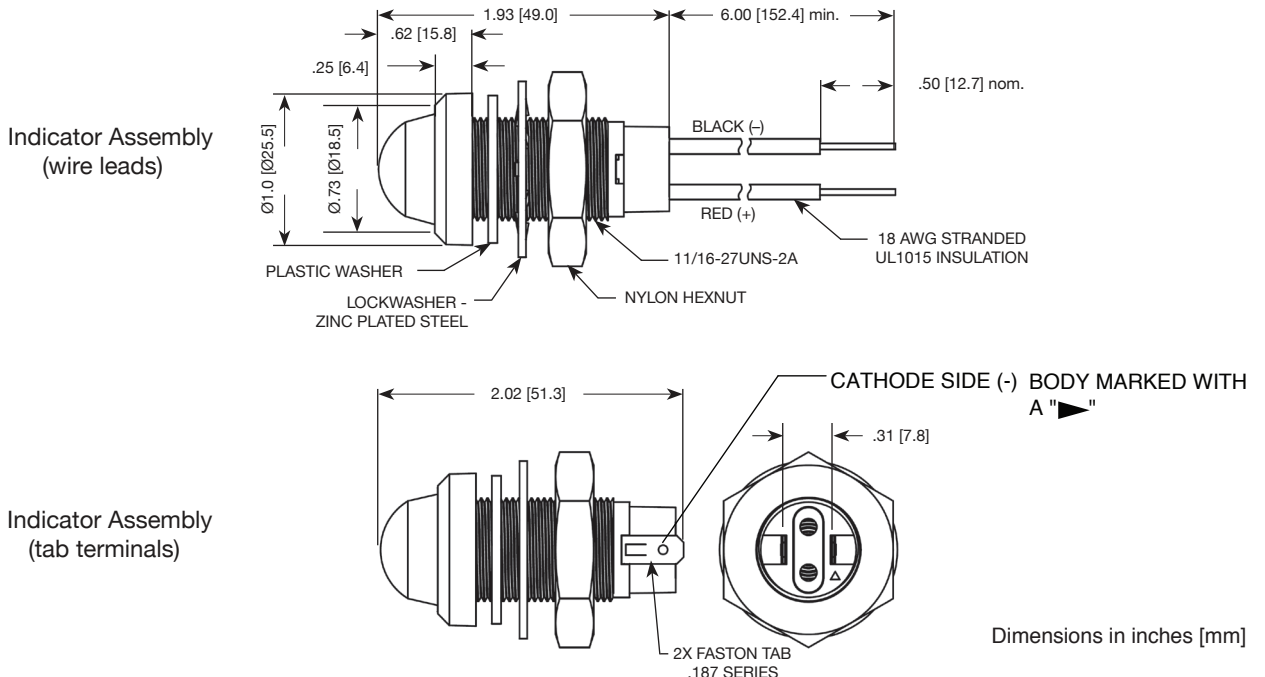
Key Features

- dome-shaped clear lens
- front panel mount
- 180° viewing angle
- .187" tab terminals
- 6" wire leads
- available in 4 voltage configurations
- RoHS compliant

Ordering Data



Dimensions



Product Specifications

At Ambient Temperature $T_a = 25^\circ\text{C}$

Output Color	Red	Amber	Green	White
Luminous Intensity Typ. (mcd) @ $I_f=20\text{mA}$	2800	2800	6000	4900
Typ. Forward Current (mA) @ $V_f=5\text{VDC}$	56 ~ 69	56 ~ 69	23 ~ 34	23 ~ 34
Typ. Forward Current (mA) @ $V_f=28\text{VDC}$	18.5 ~ 20.5	18.5 ~ 20.5	14.0 ~ 15.2	14.0 ~ 15.2
Typ. Forward Current (mA) @ $V_f=120\text{VAC}$	9.3 ~ 9.8	9.3 ~ 9.8	4.8 ~ 5.2	4.8 ~ 5.2
Max. Forward Current (mA) @ $V_f=5\text{VDC}$	81.0	81.0	41.0	41.0
Max. Forward Current (mA) @ $V_f=28\text{VDC}$	22.5	22.5	16.5	16.5
Max. Forward Current (mA) @ $V_f=120\text{VAC}$	10.7	10.7	5.6	5.6
Power Dissipation (mW) @ $V_f=5\text{VDC}$	446	446	226	226
Power Dissipation (mW) @ $V_f=28\text{VDC}$	675	675	495	495
Power Dissipation (mW) @ $V_f=120\text{VAC}$	1391	1391	728	728
Peak Wavelength (nm)	634	592	520	-
Dominant Wavelength (nm)	629	590	525	-
Operating Temperature ($^\circ\text{C}$)	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Storage Temperature ($^\circ\text{C}$)	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Reverse Breakdown @ $I_f=100\text{mA}/I_r=50\text{mA}$ (V) [$V_f=5\text{VDC}$]	5	5	*5	*5
Reverse Breakdown @ $I_f=100\text{mA}/I_r=50\text{mA}$ (V) [$V_f=28\text{VDC}$]	20	20	*10	*10
Reverse Breakdown @ $I_f=100\text{mA}/I_r=50\text{mA}$ (V) [$V_f=120\text{VAC}$]	270	270	*260	*260

- Lens is water clear with a fresnel pattern
- The Red and Amber LEDs are made from AlGaInP and Green and White LEDs are made from GaInN.
- GaInN LEDs are class 1 ESD Sensitive (MIL-STD-1686). Use appropriate ESD precautions during handling and operation.

Compliances and Approvals

