For 110-125V AC or 105-125V DC

RECOMMENDED RESISTANCE VALUES

Neon Lamp	Volts Applied to Terminals	Bright Light Resistor and Approx. Life	Long Life Resistor and Approx. Life
C2A (NE-2H) High Brightness	110-125 Volts AC	22K 5,000 hrs.	33K 25,000 hrs.
A9A (NE-2E) Standard Brightness	105-125 Volts DC	56K 5,000 hrs.	100K 25,000 hrs.

Change the second digit in the part number suffix to designate the appropriate built-in resistor. See chart at the right.

How to designate the three digit part number suffix (–XXX)

Finish	Resistor	Hardware
5–black anodize	0–none	0–none
6–clear anodize	1–22K	4–aluminum
	3–33K	
	4–56K	
	7–100K	

Note: The part numbers given indicate Standard indicator lights. The above table provides the Standard and Optional designations for finish, resistor and hardware (where applicable).

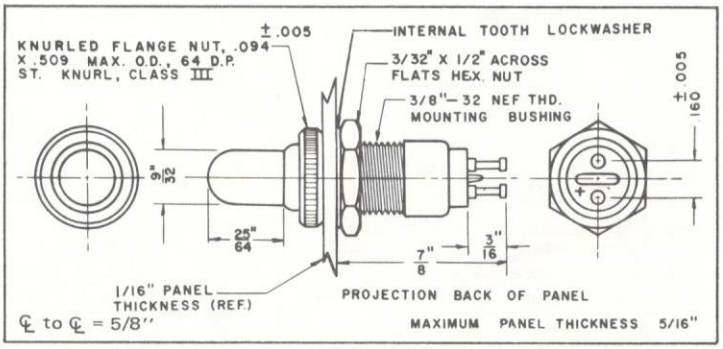
MOUNT FROM REAR IN 3/8" CLEARANCE HOLE

This series of Permanent Lamp Indicator Lights is similar to those on the facing page–except that they do not contain built-in resistor. The necessary current-limiting resistor must be added externally. See the chart with recommended resistance values above.

Legends: See description on page **25B.**

249-7840-0931-504

WITHOUT BUILT-IN RESISTOR



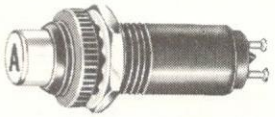
MATERIALS AND FINISHES

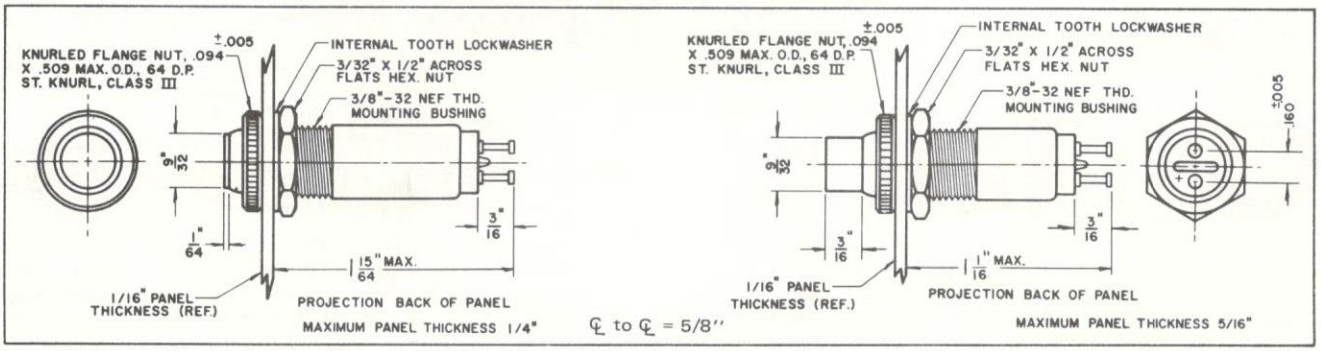
- **Mounting bushing and flange ring:** Standard–Aluminum, black anodize finish. Optional–clear anodize finish.
- **Mounting nut:** Brass, white nickel finish.
- **Internal-tooth Lockwasher:** Phosphor bronze, white nickel finish.
- **Terminals:** Low carbon steel, solder plated.

PERMANENT LAMP INDICATOR LIGHTS WITHOUT BUILT-IN RESISTOR

Lens Color	With Stovepipe Lens Shape		With Short Cylindrical Lens Shape		With Flat Lens Shape	
	Standard Brightness	High Brightness	Standard Brightness	High Brightness	Standard Brightness	High Brightness
Red	249-7840-0931-504	249-7865-0931-504	249-7840-1431-504	249-7865-1431-504	249-7840-0331-504	249-7865-0331-504
Yellow (Amber)	249-7840-0933-504	249-7865-0933-504	249-7840-1433-504	249-7865-1433-504	249-7840-0333-504	249-7865-0333-504
White (Translucent)	249-7840-0935-504	249-7865-0935-504	249-7840-1435-504	249-7865-1435-504	249-7840-0335-504	249-7865-0335-504
Clear (Colorless)	249-7840-0937-504	249-7865-0937-504	249-7840-1437-504	249-7865-1437-504	249-7840-0337-504	249-7865-0337-504

249-7840-0331-504



249-7865-1431-504

WITHOUT BUILT-IN RESISTOR