



**canfield
connector**

iLW SERIES
INTERPOSED LIGHTED WAFER
MINI, ISO AND SUB-MICRO
(MRO) RETRO-FIT INDICATOR LIGHT

General Description

The Canfield Connector iLW Series Interposed Lighted Wafer is an electronic, state of the art lighting module designed to install between a DIN type coil and the mating connector. Utilizing SMT (Surface Mount Technology), the iLW's ultra-thin design and high luminescence Gallium Arsenide LEDs enable the lighted wafer to retrofit existing applications or to be used in conjunction with unlighted connectors. Designed to "sandwich" between the connector and the coil, the iLW seals from dust and moisture. The iLW can be installed several times without degradation of the contact surfaces and is not polarity dependent.

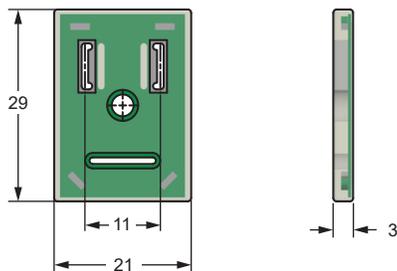


ISO, version shown above

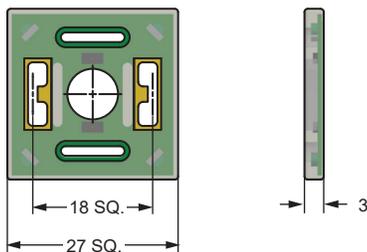
DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.

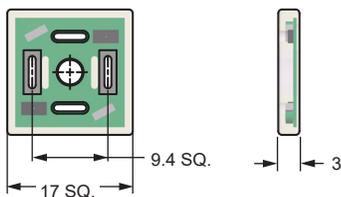
MINI



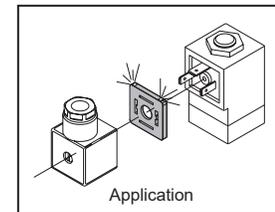
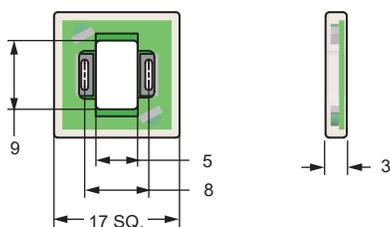
ISO



SUB-MICRO 9.4MM



SUB-MICRO 8MM



Application

TECHNICAL DATA

Voltage Max.	12-24 V AC/DC 10mA 120 VAC 6mA 240 VAC 9 mA
Materials	Housing: Polyurethane
Temperature Range	-20° to +90°C
Environmental Protection	Designed for IP 65 / NEMA 4 Dust tight and water resistant
Size	ISO: 18mm pin spacing - DIN Style "A" EN175301-803 MINI: 11mm pin spacing - Industry Standard Sub-Micro: 8mm pin spacing - DIN Style "C" EN 175301-803 Sub-Micro: 9.4mm pin spacing - Industry Standard
Number of Contacts	ISO: 2+ dual ground MINI: 2+ ground Sub-Micro: 2, 2+ dual ground

NOTE: Slight discoloration may occur to translucent material after prolonged exposure to UV rays.
NOTE: When using MAC Valves with MINI and 9.4mm Sub-Micro, consult our factory.

ORDERING INFORMATION

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Interface Type

- 1 - MINI standard
 - 3 - ISO/DIN 43650
 - 4 - Sub-Micro 8mm
 - 5 - Sub-Micro 9.4mm
- MAC is the registered trademark of MAC Valves, Inc.

Voltage

- 2 - 12 - 24V AC/DC 50/60 Hz
- 7 - 120 VAC 50/60 Hz
- 8 - 240 VAC 50/60 Hz

Ordering Example: iLW-00170

MINI standard, 120 VAC 50/60 Hz.