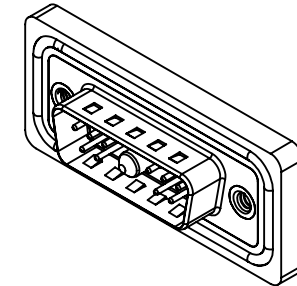
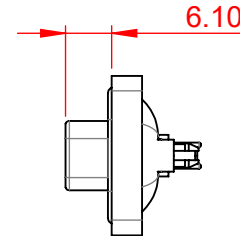
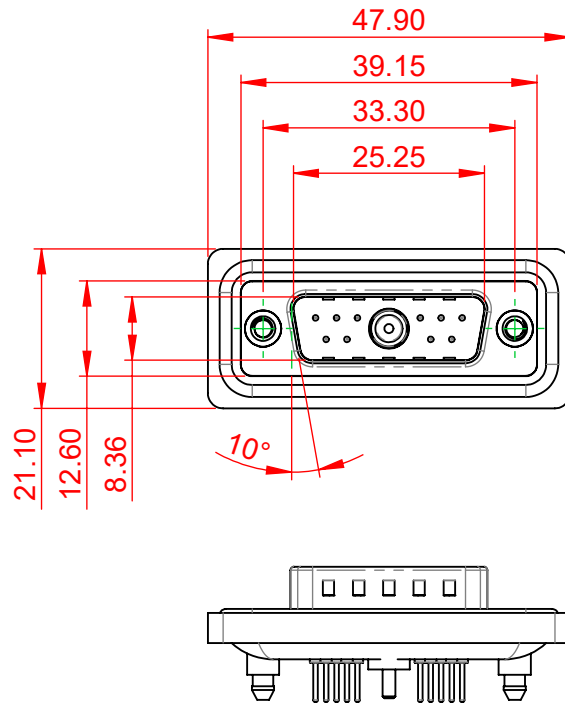


| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| .X                                         | ±0.25 |
| .XX                                        | ±0.13 |
| .XXX                                       | ±0.05 |

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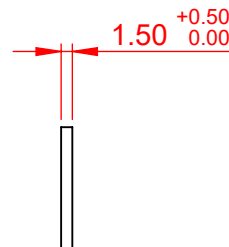
| ISSUE NUMBER                        |   |
|-------------------------------------|---|
| ORIGINAL                            | ① |
| PANEL CUT-OUT DDED<br>MARCH 19 2024 | ② |



#### RECOMMENDED PANEL CUT-OUT



DIM' TOLERANCE = ±0.05



PANEL THICKNESS

#### NOTES:

MATERIAL:  
HOUSING:  
SHELL:

THERMOPLASTIC POLYESTER, UL94V-0  
STEEL, NICKEL PLATING

CONTACT:

COPPER ALLOY, 5μ GOLD PLATING

OPERATING TEMPERATURE:

-25°C ~ 85°C

SIGNAL CONTACT CURRENT RATING: 5A PER CONTACT

SIGNAL CONTACT RESISTANCE: 10mΩ MAX.

INSULATOR RESISTANCE: 5000MΩ min.

DIELECTRIC

WITHSTANDING VOLTAGE: 1000V AC rms

POWER CONTACT CURRENT RATING: 10A PER CONTACT



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#### COMBINATION D-SUB

|                                      |                    |
|--------------------------------------|--------------------|
| SW REFERENCE NO.: 627 COMBO ASSEMBLY |                    |
| DRAWN: C.B                           | DATE: JAN. 01/2019 |
| CHECKED:                             | DATE:              |
| SCALE: (IN C.A.D. 1:1)               | SHEET 1 OF 4       |
| DRAWING NUMBER: 627W11W1124-1ND      | ISSUE<br>2         |
| PART NUMBER: 627W11W1124-1ND         |                    |

| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| .X                                         | ±0.25 |
| .XX                                        | ±0.13 |
| .XXX                                       | ±0.05 |

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| ISSUE NUMBER |   |
|--------------|---|
| ORIGINAL     | ① |



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|                                                                                                                                                                                                |                                                                                                                                                                                                   |                                      |                    |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------|------------|
| COMBINATION D-SUB                                                                                                                                                                              |                                                                                                                                                                                                   | SW REFERENCE NO.: 627 COMBO ASSEMBLY |                    |            |
|                                                                                                                                                                                                |                                                                                                                                                                                                   | DRAWN: C.B                           | DATE: JAN. 01/2019 |            |
|                                                                                                                                                                                                |                                                                                                                                                                                                   | CHECKED:                             | DATE:              |            |
| <div><div>EDAC INC<br/>TORONTO, ONTARIO<br/>CANADA<br/>YOUR CONNECTION TO QUALITY &amp; SERVICE</div></div> | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC., AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION. | SCALE: N.T.S                         | SHEET 2 OF 6       |            |
|                                                                                                                                                                                                |                                                                                                                                                                                                   | DRAWING NUMBER: 627W11W1124-1ND      |                    | ISSUE<br>1 |
|                                                                                                                                                                                                |                                                                                                                                                                                                   | PART NUMBER: 627W11W1124-1ND         |                    |            |

| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--------------------------------------------|-------|
| .X                                         | ±0.25 |
| .XX                                        | ±0.13 |
| .XXX                                       | ±0.05 |

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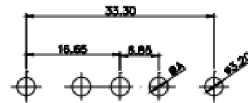


| ISSUE NUMBER |   |
|--------------|---|
| ORIGINAL     | ① |

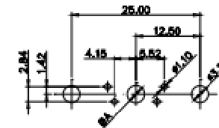
2W2 / 2WK2



3W3 / 3WK3



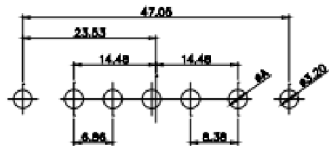
5W1 Male/Female



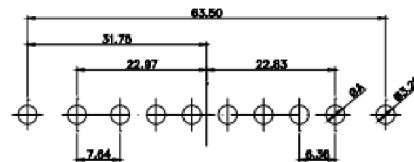
24W7 Male/Female



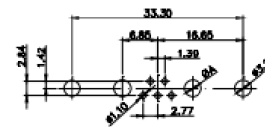
5W5 Male



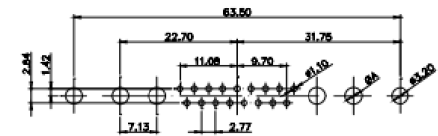
8W8 Male



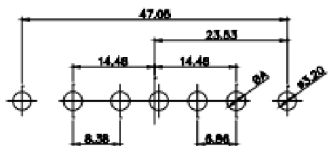
7W2 Male/Female



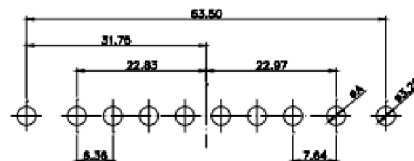
21W4 Male/Female



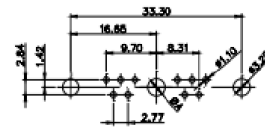
5W5 Female



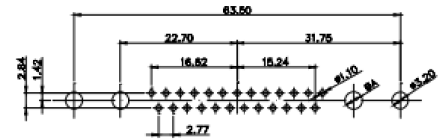
8W8 Female



11W1 Male/Female



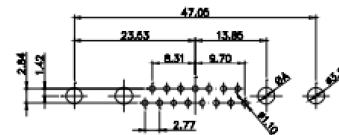
27W2 Male/Female



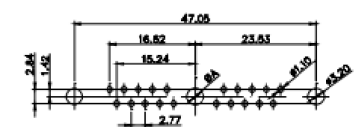
CURRENT RATING /  $\phi$ A

10A / 2.2  
20A / 3.3  
30A / 3.7  
40A / 4.2

17W2 Male/Female



21W1 Male/Female



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## COMBINATION D-SUB

SW REFERENCE NO.: 627 COMBO ASSEMBLY

DRAWN: C.B

DATE: JAN. 01/2019

CHECKED:

DATE:

SCALE: N.T.S

SHEET 3 OF 4

DRAWING NUMBER: 627W11W1124-1ND

ISSUE

PART NUMBER: 627W11W1124-1ND

1

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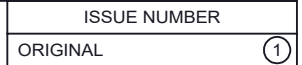
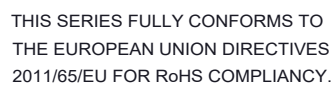


Figure 1 is a plan view of the bridge deck showing the layout of the 15 piles. The deck width is 81.00m. The piles are arranged in two rows: 10 in the front row and 5 in the back row. The dimensions for the pile layout are as follows:

- Overall deck width: 81.00m
- Distance from left edge to the first pile in the front row: 2.77m
- Distance between the first and second piles in the front row: 20.70m
- Distance between the second and third piles in the front row: 13.72m
- Distance between the third and fourth piles in the front row: 6.74m
- Distance between the fourth and fifth piles in the front row: 18.62m
- Distance between the fifth and sixth piles in the front row: 15.24m
- Distance between the sixth and seventh piles in the front row: 30.60m
- Distance from the right edge to the seventh pile in the front row: 15.30m
- Distance from the left edge to the first pile in the back row: 2.77m
- Distance between the first and second piles in the back row: 20.70m
- Distance between the second and third piles in the back row: 13.72m
- Distance between the third and fourth piles in the back row: 6.74m
- Distance between the fourth and fifth piles in the back row: 18.62m
- Distance between the fifth and sixth piles in the back row: 15.24m
- Distance between the sixth and seventh piles in the back row: 30.60m
- Distance from the right edge to the seventh pile in the back row: 15.30m

The plan view shows a rectangular bridge deck with overall dimensions of 61.00 m by 14.2 m. The width is divided into three sections: 30.50 m, 22.18 m, and 2.84 m. The length is divided into two main sections: 20.70 m and 20.78 m. Reinforcement bars are shown as circles with cross-hairs. A circular feature is located at the bottom left corner.

|              |                 |   |
|--------------|-----------------|---|
| PART NUMBER: | 627W11W1124-1ND | 1 |
|--------------|-----------------|---|



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