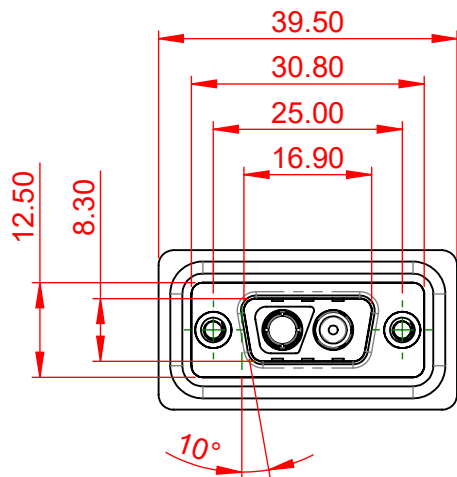
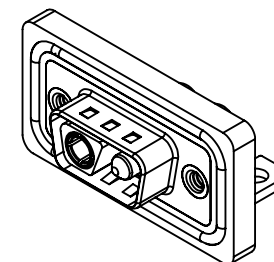
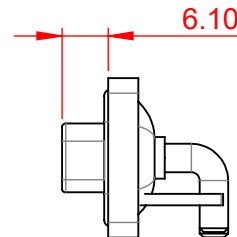


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

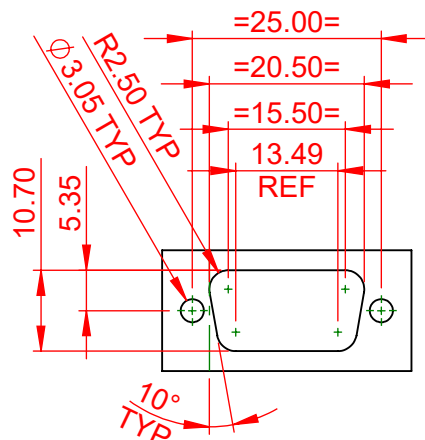
THIS IS A C.A.D. GENERATED DRAWING
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ISSUE NUMBER	
ORIGINAL	①
PANEL CUT-OUT ADDED APRIL 2024	②



RECOMMENDED PANEL CUT-OUT



DIM' TOLERANCE = ±0.05



PANEL THICKNESS

NOTES:

MATERIAL:
HOUSING:
SHELL:

THERMOPLASTIC POLYESTER, UL94V-0
STEEL, NICKEL PLATING

CONTACT:

COPPER ALLOY, GOLD FLASH 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: 40A PER CONTACT



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COMBINATION D-SUB

SW REFERENCE NO.: 629 COMBO ASSEMBLY	
DRAWN: C.B	DATE: JAN. 01/2019
CHECKED:	DATE:
SCALE: (IN C.A.D. 1:1)	SHEET 1 OF 4
DRAWING NUMBER: 629W2WK2240-4N4	ISSUE 2
PART NUMBER: 629W2WK2240-4N4	

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

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ISSUE NUMBER
SEE SHEET 1



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COMBINATION D-SUB		SW REFERENCE NO.: 629 COMBO ASSEMBLY		
		DRAWN: C.B	DATE: JAN. 01/2019	
		CHECKED:	DATE:	
 EDAC INC TORONTO, ONTARIO CANADA YOUR CONNECTION TO QUALITY & SERVICE	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 4	
		DRAWING NUMBER: 629W2WK2240-4N4		ISSUE
		PART NUMBER: 629W2WK2240-4N4		2

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

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ISSUE NUMBER
SEE SHEET 1

2W2 / 2WK2



3W3 / 3WK3



5W1 Male/Female



24W7 Male/Female



5W5 Male



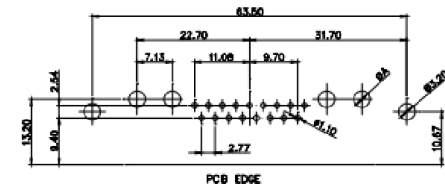
8W8 Male



7W2 Male/Female



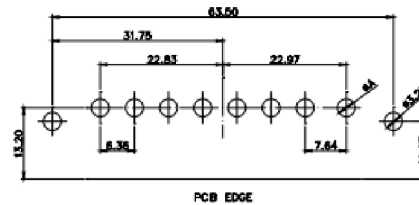
21W4 Male/Female



5W5 Female



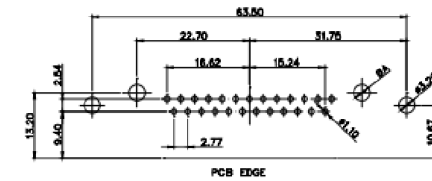
8W8 Female



11W1 Male/Female



27W2 Male/Female



CURRENT RATING / ϕA

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.: 629 COMBO ASSEMBLY

DRAWN: C.B DATE: JAN. 01/2019

CHECKED: DATE:

SCALE: N.T.S SHEET 3 OF 4

DRAWING NUMBER: 629W2WK2240-4N4

ISSUE

PART NUMBER: 629W2WK2240-4N4

2

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SEE SHEET 1

Figure 1 is a detailed dimensional drawing of the PCB edge. It shows a series of circular features (vias or holes) along the edge. The dimensions are as follows:

- Overall width: 47.05
- Distance from left edge to first hole center: 9.40
- Distance between first and second hole centers: 14.51
- Distance between second and third hole centers: 14.51
- Distance between third and fourth hole centers: 14.51
- Distance from fourth hole center to right edge: 23.63
- Radius of the first hole: R1.0
- Radius of the second hole: R1.0
- Radius of the third hole: R1.0
- Radius of the fourth hole: R1.0
- Radius of the fifth hole: R1.0
- Radius of the sixth hole: R1.0
- Radius of the seventh hole: R1.0
- Radius of the eighth hole: R1.0
- Radius of the ninth hole: R1.0
- Radius of the tenth hole: R1.0
- Radius of the eleventh hole: R1.0
- Radius of the twelfth hole: R1.0
- Radius of the thirteenth hole: R1.0
- Radius of the fourteenth hole: R1.0
- Radius of the fifteenth hole: R1.0
- Radius of the sixteenth hole: R1.0
- Radius of the seventeenth hole: R1.0
- Radius of the eighteenth hole: R1.0
- Radius of the nineteenth hole: R1.0
- Radius of the twentieth hole: R1.0
- Radius of the twenty-first hole: R1.0
- Radius of the twenty-second hole: R1.0
- Radius of the twenty-third hole: R1.0
- Radius of the twenty-fourth hole: R1.0
- Radius of the twenty-fifth hole: R1.0
- Radius of the twenty-sixth hole: R1.0
- Radius of the twenty-seventh hole: R1.0
- Radius of the twenty-eighth hole: R1.0
- Radius of the twenty-ninth hole: R1.0
- Radius of the thirtieth hole: R1.0
- Radius of the thirty-first hole: R1.0
- Radius of the thirty-second hole: R1.0
- Radius of the thirty-third hole: R1.0
- Radius of the thirty-fourth hole: R1.0
- Radius of the thirty-fifth hole: R1.0
- Radius of the thirty-sixth hole: R1.0
- Radius of the thirty-seventh hole: R1.0
- Radius of the thirty-eighth hole: R1.0
- Radius of the thirty-ninth hole: R1.0
- Radius of the fortieth hole: R1.0
- Radius of the forty-first hole: R1.0
- Radius of the forty-second hole: R1.0
- Radius of the forty-third hole: R1.0
- Radius of the forty-fourth hole: R1.0
- Radius of the forty-fifth hole: R1.0
- Radius of the forty-sixth hole: R1.0
- Radius of the forty-seventh hole: R1.0
- Radius of the forty-eighth hole: R1.0
- Radius of the forty-ninth hole: R1.0
- Radius of the fiftieth hole: R1.0
- Radius of the fifty-first hole: R1.0
- Radius of the fifty-second hole: R1.0
- Radius of the fifty-third hole: R1.0
- Radius of the fifty-fourth hole: R1.0
- Radius of the fifty-fifth hole: R1.0
- Radius of the fifty-sixth hole: R1.0
- Radius of the fifty-seventh hole: R1.0
- Radius of the fifty-eighth hole: R1.0
- Radius of the fifty-ninth hole: R1.0
- Radius of the sixtieth hole: R1.0
- Radius of the sixty-first hole: R1.0
- Radius of the sixty-second hole: R1.0
- Radius of the sixty-third hole: R1.0
- Radius of the sixty-fourth hole: R1.0
- Radius of the sixty-fifth hole: R1.0
- Radius of the sixty-sixth hole: R1.0
- Radius of the sixty-seventh hole: R1.0
- Radius of the sixty-eighth hole: R1.0
- Radius of the sixty-ninth hole: R1.0
- Radius of the seventieth hole: R1.0
- Radius of the seventy-first hole: R1.0
- Radius of the seventy-second hole: R1.0
- Radius of the seventy-third hole: R1.0
- Radius of the seventy-fourth hole: R1.0
- Radius of the seventy-fifth hole: R1.0
- Radius of the seventy-sixth hole: R1.0
- Radius of the seventy-seventh hole: R1.0
- Radius of the seventy-eighth hole: R1.0
- Radius of the seventy-ninth hole: R1.0
- Radius of the eightieth hole: R1.0
- Radius of the eighty-first hole: R1.0
- Radius of the eighty-second hole: R1.0
- Radius of the eighty-third hole: R1.0
- Radius of the eighty-fourth hole: R1.0
- Radius of the eighty-fifth hole: R1.0
- Radius of the eighty-sixth hole: R1.0
- Radius of the eighty-seventh hole: R1.0
- Radius of the eighty-eighth hole: R1.0
- Radius of the eighty-ninth hole: R1.0
- Radius of the ninetieth hole: R1.0
- Radius of the ninety-first hole: R1.0
- Radius of the ninety-second hole: R1.0
- Radius of the ninety-third hole: R1.0
- Radius of the ninety-fourth hole: R1.0
- Radius of the ninety-fifth hole: R1.0
- Radius of the ninety-sixth hole: R1.0
- Radius of the ninety-seventh hole: R1.0
- Radius of the ninety-eighth hole: R1.0
- Radius of the ninety-ninth hole: R1.0
- Radius of the one hundredth hole: R1.0

[illegible][illegible][illegible]

2



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