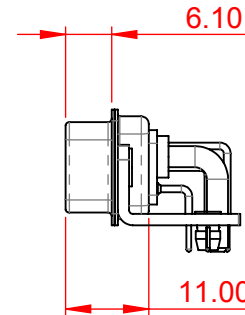
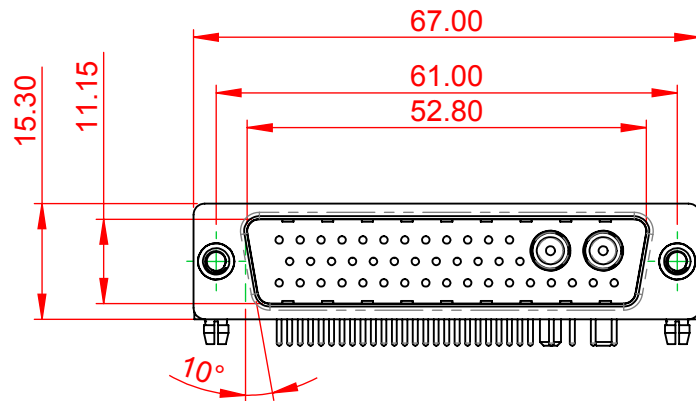


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

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ISSUE NUMBER	
ORIGINAL	①



NOTES:

MATERIAL:

HOUSING: THERMOPLASTIC POLYESTER, UL94V-0

SHELL: STEEL, Sn or Ni PLATED

CONTACT: COPPER ALLOY SEE ORDERING GUIDE FOR PLATING

OPERATING TEMPERATURE: -55°C ~ 125°C

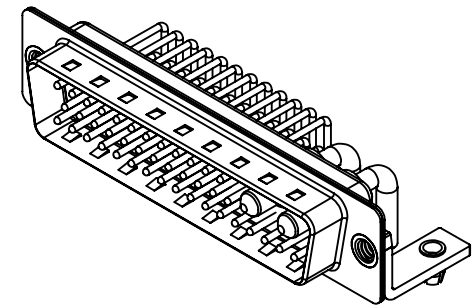
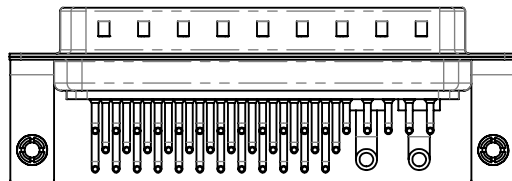
SIGNAL CONTACT CURRENT RATING: 5A PER CONTACT

SIGNAL CONTACT RESISTANCE: 10mΩ MAX.

INSULATOR RESISTANCE: 5000MΩ min.

DIELECTRIC

WITHSTANDING VOLTAGE: 1000V AC rms



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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: 629-43W2640-2TB	ISSUE 1
PART NUMBER: 629-43W2640-2TB	

TOLERANCE UNLESS OTHERWISE 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.: 629 COMBO ASSEMBLY	
DRAWN: C.B	DATE: JAN. 01/2019
CHECKED:	DATE:
SCALE: N.T.S	SHEET 2 OF 6
DRAWING NUMBER: 629-43W2640-2TB	ISSUE 1
PART NUMBER: 629-43W2640-2TB	

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

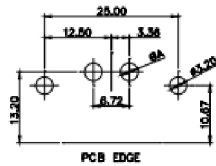
THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



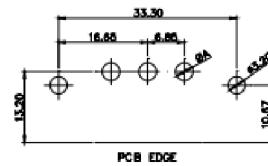
ISSUE NUMBER
ORIGINAL

1

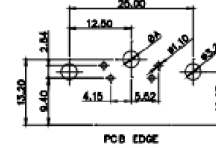
2W2 / 2WK2



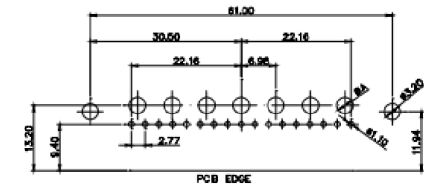
3W3 / 3WK3



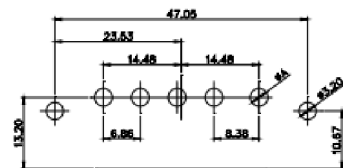
5W1 Male/Female



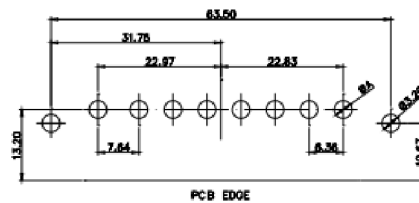
24W7 Male/Female



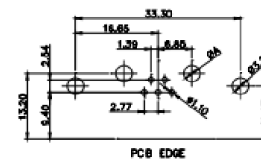
5W5 Male



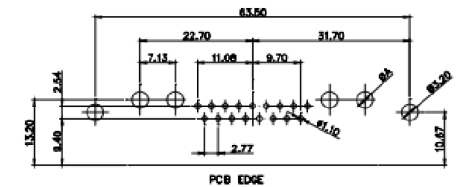
8W8 Male



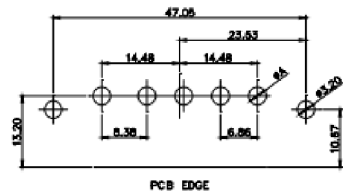
7W2 Male/Female



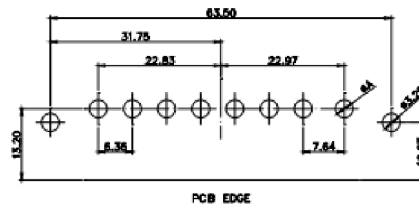
21W4 Male/Female



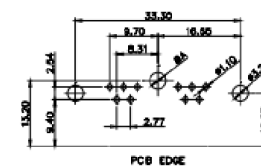
5W5 Female



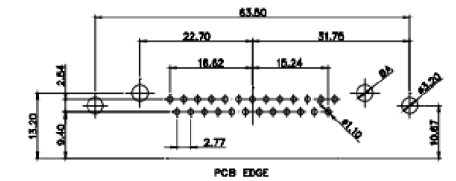
8W8 Female



11W1 Male/Female



27W2 Male/Female



CURRENT RATING / ϕA

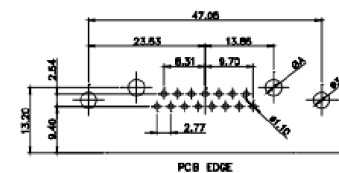
10A / 2.2

20A / 3.3

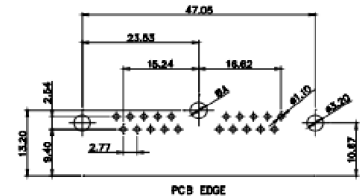
30A / 3.7

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: 629-43W2640-2TB

ISSUE

PART NUMBER: 629-43W2640-2TB

1

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

- Overall width: 47.05
- Distance from the left edge to the first hole: 9.40
- Distance between the first and second hole: 2.77
- Distance from the second hole to the third hole: 14.51
- Distance from the third hole to the fourth hole: 14.51
- Distance from the fourth hole to the fifth hole: 6.72
- Distance from the fifth hole to the sixth hole: 10.87
- Distance from the sixth hole to the right edge: 8.50
- 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]

1



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