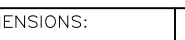


Technical drawing of a 24-pin D-sub connector. The drawing shows the front view of the connector with dimensions in inches and millimeters. Key dimensions include:

- Overall width: 8.53 [0.336] TYP
- Pin pitch: 0.050 [1.27]
- Pin diameter: 0.010 [0.25]
- Pin spacing (center to center): 0.100 [2.54] TYP
- Pin spacing (edge to center): 0.150 [3.81] TYP
- Pin spacing (edge to edge): 0.165 [4.19] TYP
- Pin spacing (edge to edge): 0.190 [4.83] TYP
- Pin spacing (edge to edge): 0.253 [6.43] TYP
- Pin spacing (edge to edge): 0.315 [8.00] TYP
- Pin spacing (edge to edge): 0.336 [8.53] TYP
- Pin spacing (edge to edge): 0.354 [9.00] TYP
- Pin spacing (edge to edge): 0.375 [9.53] TYP
- Pin spacing (edge to edge): 0.396 [10.05] TYP
- Pin spacing (edge to edge): 0.417 [10.58] TYP
- Pin spacing (edge to edge): 0.438 [11.11] TYP
- Pin spacing (edge to edge): 0.459 [11.64] TYP
- Pin spacing (edge to edge): 0.480 [12.17] TYP
- Pin spacing (edge to edge): 0.500 [12.70] TYP
- Pin spacing (edge to edge): 0.521 [13.23] TYP
- Pin spacing (edge to edge): 0.542 [13.76] TYP
- Pin spacing (edge to edge): 0.562 [14.29] TYP
- Pin spacing (edge to edge): 0.583 [14.81] TYP
- Pin spacing (edge to edge): 0.604 [15.34] TYP
- Pin spacing (edge to edge): 0.625 [15.87] TYP
- Pin spacing (edge to edge): 0.646 [16.40] TYP
- Pin spacing (edge to edge): 0.667 [16.92] TYP
- Pin spacing (edge to edge): 0.688 [17.45] TYP
- Pin spacing (edge to edge): 0.709 [17.98] TYP
- Pin spacing (edge to edge): 0.730 [18.50] TYP
- Pin spacing (edge to edge): 0.751 [19.03] TYP
- Pin spacing (edge to edge): 0.772 [19.56] TYP
- Pin spacing (edge to edge): 0.793 [19.99] TYP
- Pin spacing (edge to edge): 0.814 [20.52] TYP
- Pin spacing (edge to edge): 0.835 [21.05] TYP
- Pin spacing (edge to edge): 0.856 [21.58] TYP
- Pin spacing (edge to edge): 0.877 [22.11] TYP
- Pin spacing (edge to edge): 0.898 [22.64] TYP
- Pin spacing (edge to edge): 0.919 [23.17] TYP
- Pin spacing (edge to edge): 0.940 [23.69] TYP
- Pin spacing (edge to edge): 0.961 [24.22] TYP
- Pin spacing (edge to edge): 0.982 [24.75] TYP
- Pin spacing (edge to edge): 1.003 [25.28] TYP
- Pin spacing (edge to edge): 1.024 [25.80] TYP
- Pin spacing (edge to edge): 1.045 [26.33] TYP
- Pin spacing (edge to edge): 1.066 [26.86] TYP
- Pin spacing (edge to edge): 1.087 [27.39] TYP
- Pin spacing (edge to edge): 1.108 [27.92] TYP
- Pin spacing (edge to edge): 1.129 [28.45] TYP
- Pin spacing (edge to edge): 1.150 [28.98] TYP
- Pin spacing (edge to edge): 1.171 [29.51] TYP
- Pin spacing (edge to edge): 1.192 [30.04] TYP
- Pin spacing (edge to edge): 1.213 [30.57] TYP
- Pin spacing (edge to edge): 1.234 [31.10] TYP
- Pin spacing (edge to edge): 1.255 [31.62] TYP
- Pin spacing (edge to edge): 1.276 [32.15] TYP
- Pin spacing (edge to edge): 1.297 [32.68] TYP
- Pin spacing (edge to edge): 1.318 [33.21] TYP
- Pin spacing (edge to edge): 1.339 [33.74] TYP
- Pin spacing (edge to edge): 1.360 [34.27] TYP
- Pin spacing (edge to edge): 1.381 [34.79] TYP
- Pin spacing (edge to edge): 1.402 [35.32] TYP
- Pin spacing (edge to edge): 1.423 [35.85] TYP
- Pin spacing (edge to edge): 1.444 [36.38] TYP
- Pin spacing (edge to edge): 1.465 [36.91] TYP
- Pin spacing (edge to edge): 1.486 [37.44] TYP
- Pin spacing (edge to edge): 1.507 [37.97] TYP
- Pin spacing (edge to edge): 1.528 [38.50] TYP
- Pin spacing (edge to edge): 1.549 [39.03] TYP
- Pin spacing (edge to edge): 1.570 [39.56] TYP
- Pin spacing (edge to edge): 1.591 [40.09] TYP
- Pin spacing (edge to edge): 1.612 [40.62] TYP
- Pin spacing (edge to edge): 1.633 [41.15] TYP
- Pin spacing (edge to edge): 1.654 [41.68] TYP
- Pin spacing (edge to edge): 1.675 [42.21] TYP
- Pin spacing (edge to edge): 1.696 [42.74] TYP
- Pin spacing (edge to edge): 1.717 [43.27] TYP
- Pin spacing (edge to edge): 1.738 [43.79] TYP
- Pin spacing (edge to edge): 1.759 [44.32] TYP
- Pin spacing (edge to edge): 1.780 [44.85] TYP
- Pin spacing (edge to edge): 1.801 [45.38] TYP
- Pin spacing (edge to edge): 1.822 [45.91] TYP
- Pin spacing (edge to edge): 1.843 [46.44] TYP
- Pin spacing (edge to edge): 1.864 [46.97] TYP
- Pin spacing (edge to edge): 1.885 [47.50] TYP
- Pin spacing (edge to edge): 1.906 [48.03] TYP
- Pin spacing (edge to edge): 1.927 [48.56] TYP
- Pin spacing (edge to edge): 1.948 [49.09] TYP
- Pin spacing (edge to edge): 1.969 [49.62] TYP
- Pin spacing (edge to edge): 1.990 [50.15] TYP
- Pin spacing (edge to edge): 2.011 [50.68] TYP
- Pin spacing (edge to edge): 2.032 [51.21] TYP
- Pin spacing (edge to edge): 2.053 [51.74] TYP
- Pin spacing (edge to edge): 2.074 [52.27] TYP
- Pin spacing (edge to edge): 2.095 [52.80] TYP
- Pin spacing (edge to edge): 2.116 [53.33] TYP
- Pin spacing (edge to edge): 2.137 [53.86] TYP
- Pin spacing (edge to edge): 2.158 [54.39] TYP
- Pin spacing (edge to edge): 2.179 [54.92] TYP
- Pin spacing (edge to edge): 2.200 [55.45] TYP
- Pin spacing (edge to edge): 2.221 [55.98] TYP
- Pin spacing (edge to edge): 2.242 [56.51] TYP
- Pin spacing (edge to edge): 2.263 [57.04] TYP
- Pin spacing (edge to edge): 2.284 [57.57] TYP
- Pin spacing (edge to edge): 2.305 [58.10] TYP
- Pin spacing (edge to edge): 2.326 [58.63] TYP
- Pin spacing (edge to edge): 2.347 [59.16] TYP
- Pin spacing (edge to edge): 2.368 [59.69] TYP
- Pin spacing (edge to edge): 2.389 [60.22] TYP
- Pin spacing (edge to edge): 2.410 [60.75] TYP
- Pin spacing (edge to edge): 2.431 [61.28] TYP
- Pin spacing (edge to edge): 2.452 [61.81] TYP
- Pin spacing (edge to edge): 2.473 [62.34] TYP
- Pin spacing (edge to edge): 2.494 [62.87] TYP
- Pin spacing (edge to edge): 2.515 [63.40] TYP
- Pin spacing (edge to edge): 2.536 [63.93] TYP
- Pin spacing (edge to edge): 2.557 [64.46] TYP
- Pin spacing (edge to edge): 2.578 [64.99] TYP
- Pin spacing (edge to edge): 2.599 [65.52] TYP
- Pin spacing (edge to edge): 2.620 [66.05] TYP
- Pin spacing (edge to edge): 2.641 [66.58] TYP
- Pin spacing (edge to edge): 2.662 [67.11] TYP
- Pin spacing (edge to edge): 2.683 [67.64] TYP
- Pin spacing (edge to edge): 2.704 [68.17] TYP
- Pin spacing (edge to edge): 2.725 [68.70] TYP
- Pin spacing (edge to edge): 2.746 [69.23] TYP
- Pin spacing (edge to edge): 2.767 [69.76] TYP
- Pin spacing (edge to edge): 2.788 [70.29] TYP
- Pin spacing (edge to edge): 2.809 [70.82] TYP
- Pin spacing (edge to edge): 2.830 [71.35] TYP
- Pin spacing (edge to edge): 2.851 [71.88] TYP
- Pin spacing (edge to edge): 2.872 [72.41] TYP
- Pin spacing (edge to edge): 2.893 [72.94] TYP
- Pin spacing (edge to edge): 2.914 [73.47] TYP
- Pin spacing (edge to edge): 2.935 [74.00] TYP
- Pin spacing (edge to edge): 2.956 [74.53] TYP
- Pin spacing (edge to edge): 2.977 [75.06] TYP
- Pin spacing (edge to edge): 2.998 [75.59] TYP
- Pin spacing (edge to edge): 3.019 [76.12] TYP
- Pin spacing (edge to edge): 3.040 [76.65] TYP
- Pin spacing (edge to edge): 3.061 [77.18] TYP
- Pin spacing (edge to edge): 3.082 [77.71] TYP
- Pin spacing (edge to edge): 3.103 [78.24] TYP
- Pin spacing (edge to edge): 3.124 [78.77] TYP
- Pin spacing (edge to edge): 3.145 [79.30] TYP
- Pin spacing (edge to edge): 3.166 [79.83] TYP

[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN 0602C2010 C. VALENTINE CHK 0602C2010 S. BOLASH APVD 0602C2010 S. BOLASH		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME	
		PRODUCT SPEC 108-40018 APPLICATION SPEC —		HEADER ASSY, UNIVERSAL, AMP-LATCH —	
MATERIAL		FINISH		SIZE	
				CAGE CODE DRAWING NO	
				A1 00779 C-2169662	
		WEIGHT		RESTRICTED TO	
		—		—	
CUSTOMER DRAWING				SCALE 4:1 SHEET 1 OF 2 REV C	

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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By

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LOC

DIST

GP00

REVISONS

REV

LTR

DESCRIPTION

DATE

DWN

APVD

—

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SEE SHEET 1

—

—

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1

COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.

2

10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP-IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.

3

10 POSITION SIZES CONTAIN ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.

4.

RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 1.57 [.062].

5

DISTANCE REQUIRED BY EJECTION LATCHES IN THE OPEN POSITION.

6

HOUSING & LATCHES, GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, BLACK.
POSTS: PH BRZ OR BRASS.

7

POSTS: 0.76μm[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54μm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.

8

DATUMS M & N TO BE ESTABLISHED BY CUSTOMER.

9

DEVELOPMENT PART NUMBER — NOT RELEASED FOR PRODUCTION.

9

53.34	71.12	65.02	75.18	71.12	60.96	44	1-2169662-3
[2.100]	[2.800]	[2.560]	[2.960]	[2.800]	[2.400]		
78.74	96.52	90.42	100.58	96.52	86.36	64	1-2169662-2
[3.100]	[3.800]	[3.560]	[3.960]	[3.800]	[3.400]		
73.66	91.44	85.34	95.50	91.44	81.28	60	1-2169662-1
[2.900]	[3.600]	[3.360]	[3.760]	[3.600]	[3.200]		
60.96	78.74	72.64	82.80	78.74	68.58	50	1-2169662-0
[2.400]	[3.100]	[2.860]	[3.260]	[3.100]	[2.700]		
48.26	66.04	59.94	70.10	66.04	55.88	40	2169662-9
[1.900]	[2.600]	[2.360]	[2.760]	[2.600]	[2.200]		
40.64	58.42	52.32	62.48	58.42	48.26	34	2169662-8
[1.600]	[2.300]	[2.060]	[2.460]	[2.300]	[1.900]		
35.56	53.34	47.24	57.40	53.34	43.18	30	2169662-7
[1.400]	[2.100]	[1.860]	[2.260]	[2.100]	[1.700]		
30.48	48.26	42.16	52.32	48.26	38.10	26	2169662-6
[1.200]	[1.900]	[1.660]	[2.060]	[1.900]	[1.500]		
27.94	45.72	39.62	49.78	45.72	35.56	24	2169662-5
[1.100]	[1.800]	[1.560]	[1.960]	[1.800]	[1.400]		
22.86	40.64	34.54	44.70	40.64	30.48	20	2169662-4
[.900]	[1.600]	[1.360]	[1.760]	[1.600]	[1.200]		
17.78	35.56	29.46	39.62	35.56	25.40	16	2169662-3
[.700]	[1.400]	[1.160]	[1.560]	[1.400]	[1.000]		
15.24	33.02	26.92	37.08	33.02	22.86	14	2169662-2
[.600]	[1.300]	[1.060]	[1.460]	[1.300]	[.900]		
10.16	27.94	21.84	32.00	27.94	17.78	10	2169662-1
[.400]	[1.100]	[.860]	[1.260]	[1.100]	[.700]		
F	E	D	C	B	A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

C. VALENTINE

06DEC2010

CHK

S. BOLASH

06DEC2010

APVD

S. BOLASH

06DEC2010

DIMENSIONS:

INCHES

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

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±

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±

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0.13[.005]

±

±

0

1

2

3

4

PLC

PLC

PLC

PLC

PLC

±

±

±

±

±

—

0.13[.005]

±

±

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

—

CUSTOMER DRAWING

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

2169662

—

TE Connectivity

NAME

HEADER ASSY, UNIVERSAL, AMP-LATCH

—

SCALE

4:1

SHEET

2

OF

2

REV

C

4805 (3/11)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.