

This mechanical drawing shows a side view of a 24-pin D-sub connector. The drawing includes the following dimensions and features:

- Overall Dimensions:**
 - A:** Overall length of the connector body.
 - B:** Distance from the front flange to the center of the first pin, dimensioned as ± 0.25 [± 0.10].
 - C:** Distance from the front flange to the center of the last pin, dimensioned as ± 0.25 [± 0.10].
- Pin Dimensions:**
 - Pin Pitch:** 0.100 inches (2.54 mm), labeled as TYP.
 - Pin Width:** 0.165 inches (4.19 mm), labeled as TYP.
 - Pin Spacing:** 0.150 inches (3.81 mm), labeled as TYP.
 - Pin Height:** 0.150 inches (3.81 mm), labeled as TYP.
 - Pin Diameter:** 0.050 inches (1.27 mm), labeled as TYP.
- Other Dimensions:**
 - 8.53** [± 0.336] TYP: Distance from the front flange to the center of the first pin.
 - 8.00** [± 0.315] TYP: Distance from the front flange to the center of the last pin.
 - 6.43 ± 0.25** [$\pm 0.253 \pm 0.10$] TYP: Distance from the front flange to the center of the last pin.
 - 4.83** [± 0.190] 2 PLO: Distance from the front flange to the center of the last pin.
- Features:**
 - W:** A feature on the front flange, indicated by a leader line.
 - Y:** A feature on the top of the connector body, indicated by a leader line.
 - 1, 2, 3:** Surface texture symbols indicating different surface finishes.

Technical drawing of a mechanical part, likely a mold or die, showing dimensions and features. The drawing includes a top view and a side view. Key features include a POSN NO 1 INDICATOR, EJECTION LATCH, TYP, and various dimensions in inches and millimeters. The part has a central cavity and a series of pins at the bottom.

Dimensions and Features:

- POSN NO 1 INDICATOR
- 10.57 TYP [.416]
- 0.64±0.03 [.025±.001] TYP
- 0.38 [.015] M Z X Y AT POST TIPS
- EJECTION LATCH, TYP
- Ø2.44±0.08 [.096±.003] 2 PLC
- 23.09±0.51 [.909±.020] TYP
- 13.94±0.20 [.549±.008] TYP
- 2.74±0.15 [.108±.006] 2 PLC
- 4.95 [.195] 2 PLC
- 3.8 [.15]
- LOC PLATE
- D ±0.25 [±.010]

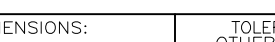
Technical drawing of the PC board showing a side view (VIEW S-S) and a top view (RECOMMENDED PC BOARD MOUNTING DIMENSIONS).

VIEW S-S:

- Overall width: $\varnothing 2.54$ [.100] 2 PLC
- Overall height: 3.73 [.147] 2 PLC
- Internal width: 8.89 [.350]
- Internal height: 1.57 [.062] TYP

RECOMMENDED PC BOARD MOUNTING DIMENSIONS (SCALE 2:1):

- Overall width: $\varnothing 2.69$ [.106] 2 PLC
- Overall height: 8.89 [.350] 2 PLC
- Internal width: 2.54 [.100] TYP
- Internal height: 1.52 [.060]
- Internal width (POS NO 1): 15.37 [.605] 2 PLC
- Internal height (POS NO 1): 8.89 [.350] 2 PLC
- Internal width (POS NO 1): $\varnothing 0.89 \pm 0.08$ TYP
- Internal height (POS NO 1): $\varnothing 0.08$ [.003] M N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG C. VALENTINE 06DEC2010		 TE Connectivity			
		CHK S. BOLASH 06DEC2010					
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		APPROVED S. BOLASH 06DEC2010		HEADER ASSY, UNIVERSAL, AMP-LATCH —			
		PRODUCT SPEC					
		108-40018					
		APPLICATION SPEC					
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
6		7		A1	00779	C-2169662	—
CUSTOMER DRAWING				SCALE	A-1	SHEET 1 of 2	REV C

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

GP00

REVISONS

DATE

DWN

APVD

DESCRIPTION

SEE SHEET 1

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
[2.100]

71.12
[2.800]

65.02
[2.560]

75.18
[2.960]

71.12
[2.800]

60.96
[2.400]

44

1-2169662-3

78.74
[3.100]

96.52
[3.800]

90.42
[3.560]

100.58
[3.960]

96.52
[3.800]

86.36
[3.400]

64

1-2169662-2

73.66
[2.900]

91.44
[3.600]

85.34
[3.360]

95.50
[3.760]

91.44
[3.600]

81.28
[3.200]

60

1-2169662-1

60.96
[2.400]

78.74
[3.100]

72.64
[2.860]

82.80
[3.260]

78.74
[3.100]

68.58
[2.700]

50

1-2169662-0

48.26
[1.900]

66.04
[2.600]

59.94
[2.360]

70.10
[2.760]

66.04
[2.600]

55.88
[2.200]

40

2169662-9

40.64
[1.600]

58.42
[2.300]

52.32
[2.060]

62.48
[2.460]

58.42
[2.300]

48.26
[1.900]

34

2169662-8

35.56
[1.400]

53.34
[2.100]

47.24
[1.860]

57.40
[2.260]

53.34
[2.100]

43.18
[1.700]

30

2169662-7

30.48
[1.200]

48.26
[1.900]

42.16
[1.660]

52.32
[2.060]

48.26
[1.900]

38.10
[1.500]

26

2169662-6

27.94
[1.100]

45.72
[1.800]

39.62
[1.560]

49.78
[1.960]

45.72
[1.800]

35.56
[1.400]

24

2169662-5

22.86
[.900]

40.64
[1.600]

34.54
[1.360]

44.70
[1.760]

40.64
[1.600]

30.48
[1.200]

20

2169662-4

17.78
[.700]

35.56
[1.400]

29.46
[1.160]

39.62
[1.560]

35.56
[1.400]

25.40
[1.000]

16

2169662-3

15.24
[.600]

33.02
[1.300]

26.92
[1.060]

37.08
[1.460]

33.02
[1.300]

22.86
[.900]

14

2169662-2

10.16
[.400]

27.94
[1.100]

21.84
[.860]

32.00
[1.260]

27.94
[1.100]

17.78
[.700]

10

2169662-1

F

E

D

C

B

A

NO OF POSN

PART NUMBER

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DWN
C. VALENTINE
06DEC2010

CHK
S. BOLASH
06DEC2010

APVD
S. BOLASH
06DEC2010

TE Connectivity

DIMENSIONS:
INCHES

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC

± -
± -
± 0.13[.005]
± -
± -

ANGLES

± -

108-40018

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

MATERIAL
SEE SHEET 1

FINISH
SEE SHEET 1

WEIGHT
-

A1

00779

2169662

SCALE
4:1

SHEET
2

OF
2

REV
C

CUSTOMER DRAWING

HEADER ASSY, UNIVERSAL, AMP-LATCH

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

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