

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399800421

Status:

Active

Description:

5.08mm (.200") Pitch Beau™ Eurostyle™ Surface Mount Compatible Locking Header, 21 Circuits

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E48521

General

Product Family

Series

Application

Comments

Component Type

Product Literature Order No

Product Name

Type

Terminal Blocks

39980

Wire-to-Board

Gold plating available

PCB Header

USA-267

Eurostyle™ Pluggable

Euro Block

Physical

Circuits (Loaded)

Color - Resin

Entry Angle

Flammability

Lock to Mating Part

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Wire Size AWG

21

Black

N/A

94V-0

Yes

Tin

Tin

Nylon

1

Vertical

0.150 In

3.81 mm

None

0.062 In

1.60 mm

No

0.200 In

5.08 mm

0.200 In

5.08 mm

150

3.75

150

3.75

Yes

No

No

No

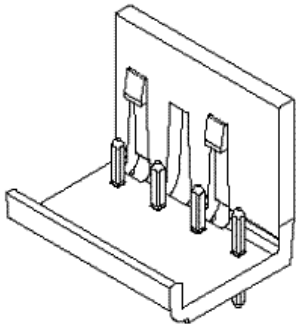
140°C

N/A

Electrical

Current - Maximum per Contact

10A



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

39980Series

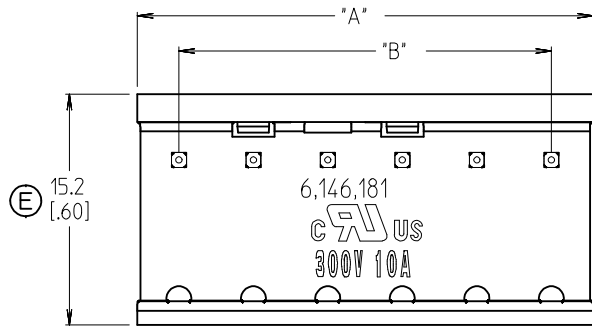
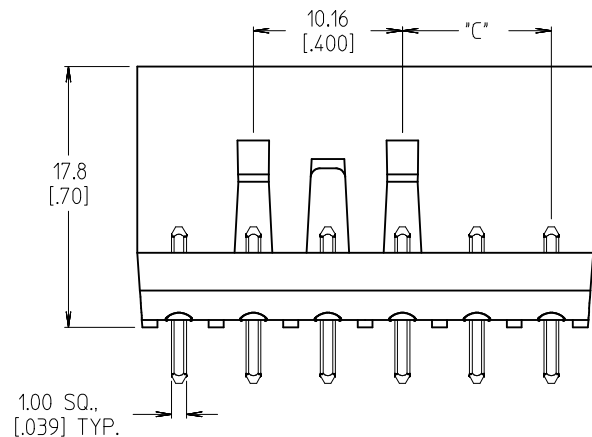
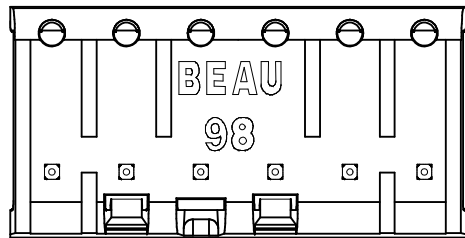
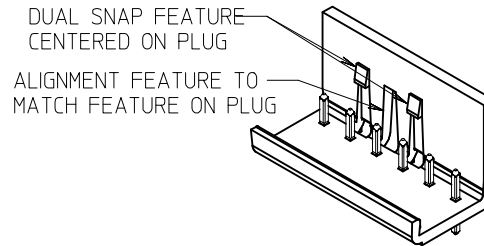
Mates With

39980-2121 Spring Clamp Plug, 39980-0321 Screw Clamp Plug

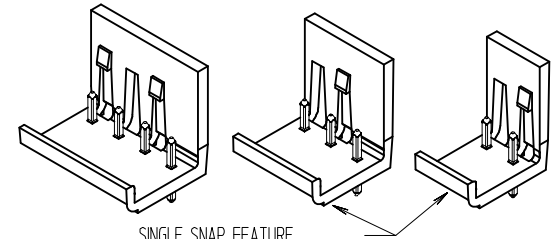
Voltage - Maximum	300V
Material Info	
Old Part Number	981521
Reference - Drawing Numbers	
Sales Drawing	SD-39980-006

This document was generated on 04/27/2010

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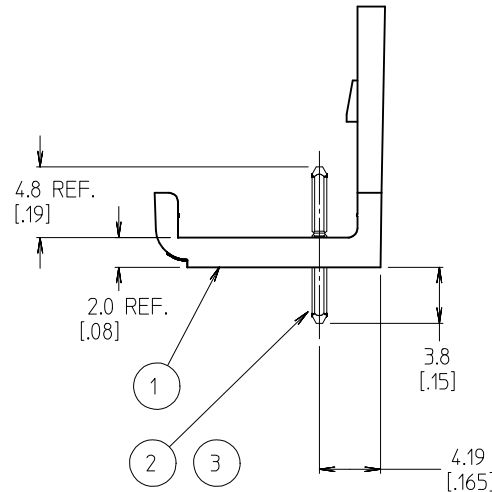
AUXILIARY VIEW
SCALE 1:1



SINGLE SNAP FEATURE
TO THE RIGHT OF ALIGNMENT
FEATURE, 2 & 3 CIRCUIT PARTS

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: PPS.98.002
4. INCH DIMS ARE SHOWN IN BRACKETS [XXX].
5. "XX" REFERS TO QTY. OF CIRCUITS.
6. ASSEMBLY IS ROHS COMPLIANT.
7. REPLACES DWG. SD-39980-0402.



NUMBER OF CIRCUITS "XX"	DIM. "A"	DIM. "B"	DIM. "C" .013	MATERIAL NO. TIN (STD)	MATERIAL NO. GOLD OPTION
02	10.77 [424]	5.08 [200]	N/A	39980-0402	39981-0402
03	15.85 [624]	10.16 [400]	5.08 [200]	39980-0403	39981-0403
04	20.93 [824]	15.24 [600]	5.08 [200]	39980-0404	39981-0404
05	26.01 [1024]	20.32 [800]	5.08 [200]	39980-0405	39981-0405
06	31.09 [1224]	25.40 [1000]	10.16 [400]	39980-0406	39981-0406
07	36.17 [1424]	30.48 [1200]	10.16 [400]	39980-0407	39981-0407
08	41.25 [1624]	35.56 [1400]	15.24 [600]	39980-0408	39981-0408
09	46.33 [1824]	40.64 [1600]	15.24 [600]	39980-0409	39981-0409
10	51.41 [2024]	45.72 [1800]	20.32 [800]	39980-0410	39981-0410
11	56.49 [2224]	50.80 [2000]	20.32 [800]	39980-0411	39981-0411
12	61.57 [2424]	55.88 [2200]	25.40 [1000]	39980-0412	39981-0412
13	66.65 [2624]	60.96 [2400]	25.40 [1000]	39980-0413	39981-0413
14	71.73 [2824]	66.04 [2600]	30.48 [1200]	39980-0414	39981-0414
15	76.81 [3024]	71.12 [2800]	30.48 [1200]	39980-0415	39981-0415
16	81.89 [3224]	76.20 [3000]	35.56 [1400]	39980-0416	39981-0416
17	86.97 [3424]	81.28 [3200]	35.56 [1400]	39980-0417	39981-0417
18	92.05 [3624]	86.36 [3400]	40.64 [1600]	39980-0418	39981-0418
19	97.13 [3824]	91.44 [3600]	40.64 [1600]	39980-0419	39981-0419
20	102.21 [4024]	96.52 [3800]	45.72 [1800]	39980-0420	39981-0420
21	107.29 [4224]	101.60 [4000]	45.72 [1800]	39980-0421	39981-0421
22	112.37 [4424]	106.68 [4200]	50.80 [2000]	39980-0422	39981-0422
23	117.45 [4624]	111.76 [4400]	50.80 [2000]	39980-0423	39981-0423
24	122.53 [4824]	116.84 [4600]	55.88 [2200]	39980-0424	39981-0424

WIDTH WAS .62/IS .60 EC NO: WNA2009-0464 DRAWN BY: J. KEMP CHECKED BY: J. KEMP APPROVED BY: L. ROTHMAUS DATE: 2001/12/05 DATE: 2003/10/07 DATE: 2003/10/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.3 ± --- ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN DRAWN BY: J. KEMP CHECKED BY: J. KEMP APPROVED BY: L. ROTHMAUS DATE: 2001/12/05 DATE: 2003/10/07 DATE: 2003/10/17	SCALE 3:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE 5.08/200 SINGLE ROW EUROSTYLE HEADER ASSEMBLY MOLEX INCORPORATED DOCUMENT NO. SD-39980-006 SHEET NO. 1 OF 1

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
3	XX	HEADER PIN GOLD	BRASS	GOLD
2	XX	HEADER PIN	BRASS	TIN
1	1	INSULATOR	NYLON	BLACK