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Part Number: [0399800420](#)
Status: **Active**
Description: 5.08mm (.200") Pitch Beau™ Eurostyle™ Surface Mount Compatible Locking Header, 20 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

UL E48521

General

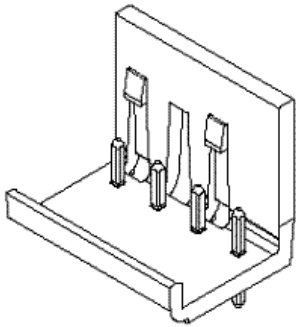
Product Family Terminal Blocks
Series [39980](#)
Application Wire-to-Board
Comments Gold plating available
Component Type PCB Header
Product Literature Order No USA-267
Product Name Eurostyle™ Pluggable
Type Euro Block

Physical

Circuits (Loaded) 20
Color - Resin Black
Entry Angle N/A
Flammability 94V-0
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.150 In
PC Tail Length (mm) 3.81 mm
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Panel Mount No
Pitch - Mating Interface (in) 0.200 In
Pitch - Mating Interface (mm) 5.08 mm
Pitch - Term. Interface (in) 0.200 In
Pitch - Term. Interface (mm) 5.08 mm
Plating min: Mating (µin) 150
Plating min: Mating (µm) 3.75
Plating min: Termination (µin) 150
Plating min: Termination (µm) 3.75
Polarized to Mating Part Yes
Shrouded No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating 140°C
Wire Size AWG 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**

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.

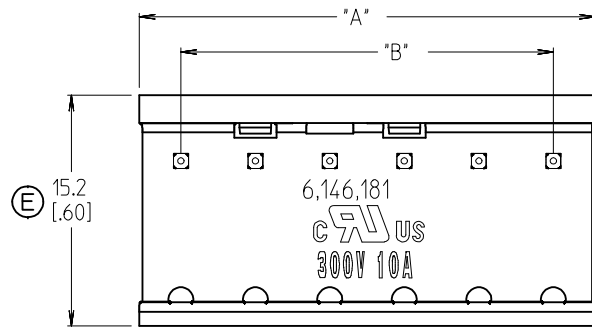
Search Parts in this Series
[39980Series](#)

Mates With
[39980-2120](#) Spring Clamp Plug, [39980-0320](#)
Screw Clamp Plug

Voltage - Maximum	300V
Material Info	
Old Part Number	981520
Reference - Drawing Numbers	
Sales Drawing	SD-39980-006

This document was generated on 04/27/2010

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DUAL SNAP FEATURE
CENTERED ON PLUG

ALIGNMENT FEATURE TO
MATCH FEATURE ON PLUG

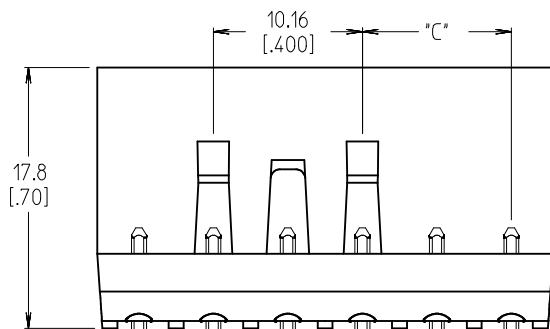
AUXILIARY VIEW
SCALE 1:1

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

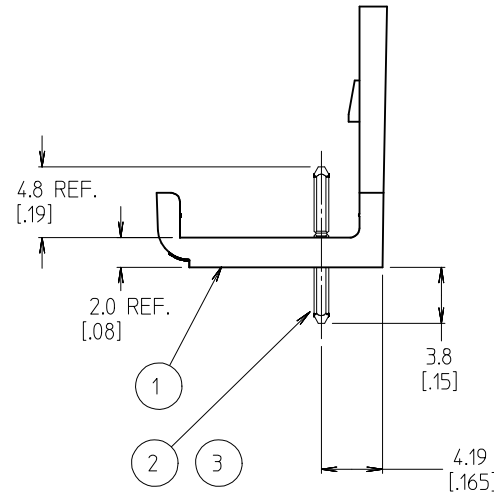
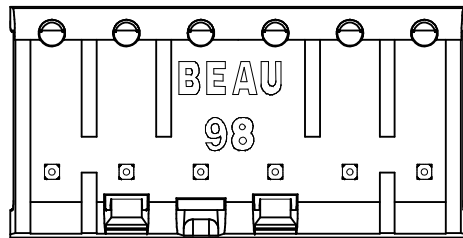
NOTES:

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.

(E)



1.00 SQ.
[.039] TYP.



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 CHKD: R. ROSS APPR: R. ROSS	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 DATE: 2001/12/05 CHECKED BY: R. KEMP DATE: 2003/10/07 APPROVED BY: L. ROTHBAUS DATE: 2003/10/17 MATERIAL NO.	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