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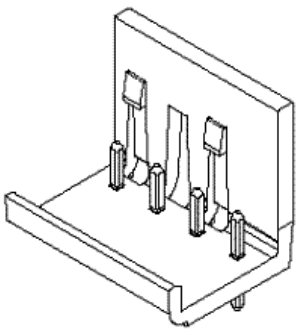
Part Number: 0399800418
Status: Active
Description: 5.08mm (.200") Pitch Beau™ Eurostyle™ Surface Mount Compatible Locking Header,18 Circuits



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (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)	18
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

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
39980-2118 Spring Clamp Plug, 39980-0318 Screw Clamp Plug

Voltage - Maximum	300V

Material Info

Old Part Number	981518

Reference - Drawing Numbers

Sales Drawing	SD-39980-006

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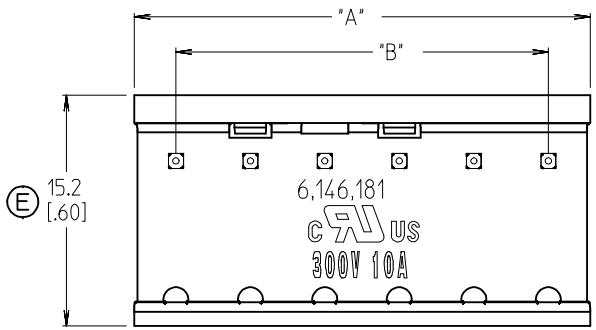
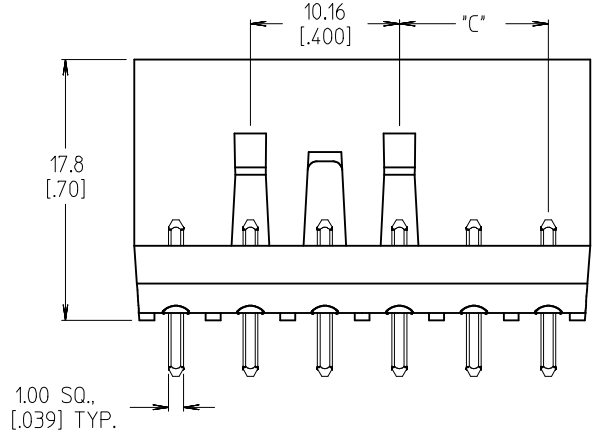
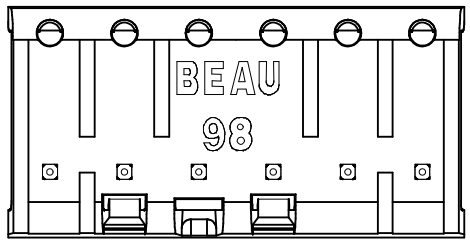
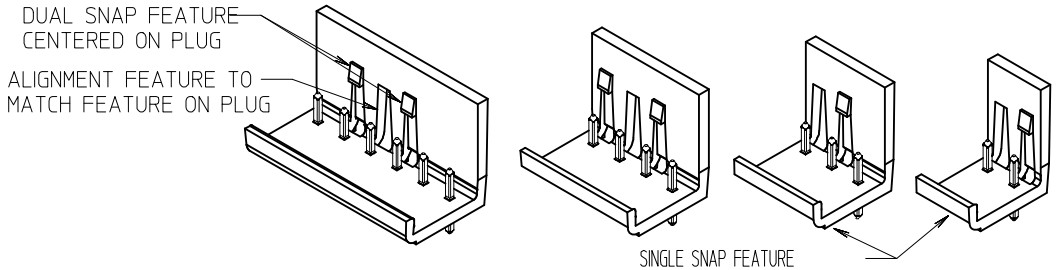




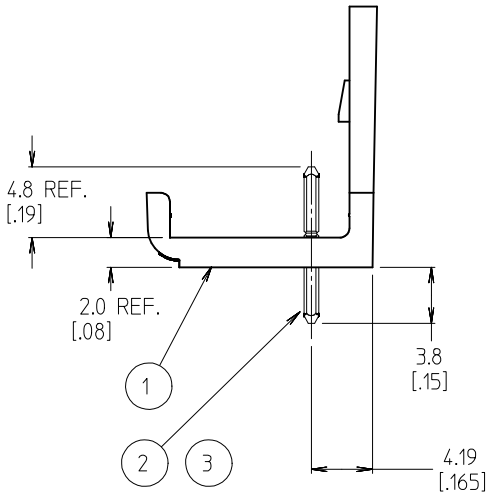




AUXILLARY VIEW
SCALE 1:1

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 [1.024]	20.32 [.800]	5.08 [.200]	39980-0405	39981-0405
06	31.09 [1.224]	25.40 [1.000]	10.16 [.400]	39980-0406	39981-0406
07	36.17 [1.424]	30.48 [1.200]	10.16 [.400]	39980-0407	39981-0407
08	41.25 [1.624]	35.56 [1.400]	15.24 [.600]	39980-0408	39981-0408
09	46.33 [1.824]	40.64 [1.600]	15.24 [.600]	39980-0409	39981-0409
10	51.41 [2.024]	45.72 [1.800]	20.32 [.800]	39980-0410	39981-0410
11	56.49 [2.224]	50.80 [2.000]	20.32 [.800]	39980-0411	39981-0411
12	61.57 [2.424]	55.88 [2.200]	25.40 [1.000]	39980-0412	39981-0412
13	66.65 [2.624]	60.96 [2.400]	25.40 [1.000]	39980-0413	39981-0413
14	71.73 [2.824]	66.04 [2.600]	30.48 [1.200]	39980-0414	39981-0414
15	76.81 [3.024]	71.12 [2.800]	30.48 [1.200]	39980-0415	39981-0415
16	81.89 [3.224]	76.20 [3.000]	35.56 [1.400]	39980-0416	39981-0416
17	86.97 [3.424]	81.28 [3.200]	35.56 [1.400]	39980-0417	39981-0417
18	92.05 [3.624]	86.36 [3.400]	40.64 [1.600]	39980-0418	39981-0418
19	97.13 [3.824]	91.44 [3.600]	40.64 [1.600]	39980-0419	39981-0419
20	102.21 [4.024]	96.52 [3.800]	45.72 [1.800]	39980-0420	39981-0420
21	107.29 [4.224]	101.60 [4.000]	45.72 [1.800]	39980-0421	39981-0421
22	112.37 [4.424]	106.68 [4.200]	50.80 [2.000]	39980-0422	39981-0422
23	117.45 [4.624]	111.76 [4.400]	50.80 [2.000]	39980-0423	39981-0423
24	122.53 [4.824]	116.84 [4.600]	55.88 [2.200]	39980-0424	39981-0424

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

WIDTH WAS .62/IS .60
EC NO: WNA2009-0464
DRWN:CLYORK 2009/02/03
CH'KD:RDEROSS 2009/02/05
APPR:RDEROSS 2009/02/09
DESCRIPTION
REV E

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
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: R. KEMP DATE: 2001/12/05
CHECKED BY: R. KEMP DATE: 2003/10/07
APPROVED BY: L. ROTHAUS DATE: 2003/10/17
MATERIAL NO.: SEE CHART

TITLE: 5.08/.200 SINGLE ROW EUROSTYLE HEADER ASSEMBLY

MOLEX INCORPORATED

DOCUMENT NO.: SD-39980-006
SHEET NO.: 1 OF 1

SIZE B

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