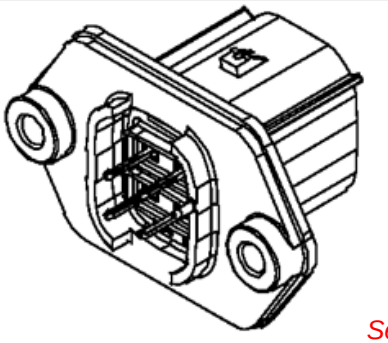
This document was generated on 04/05/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0194280011

Status: Active

Description: 5.84mm (.230") Pitch MX150L™ Vertical PCB Header, Dual Row, Low Profile, 4 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-19427-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E152602

General

Product Family	PCB Headers
Series	19428
Application	Wire-to-Board
Comments	Low Profile
Product Literature Order No	987650-2181
Product Name	MX150L™

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.130 In
PC Tail Length (mm)	3.30 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.230 In
Pitch - Mating Interface (mm)	5.84 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	18A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Product Specification	PS-19427-001

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

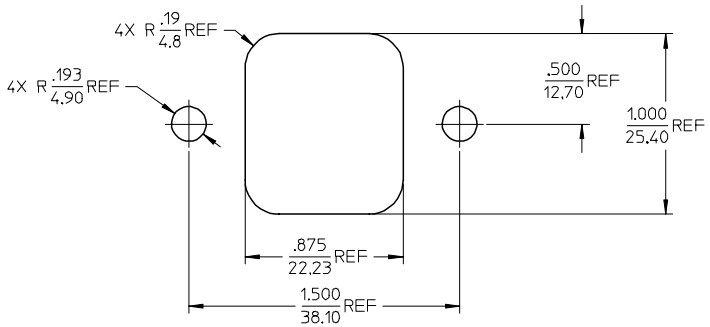
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
19428Series

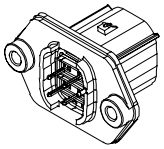
Mates With
19418 Receptacle Assemblies

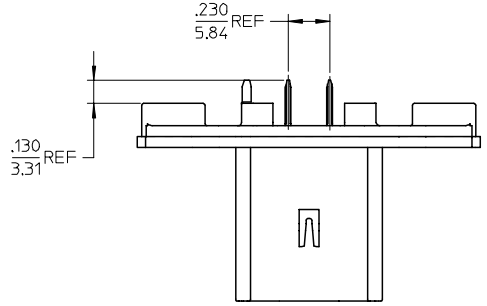
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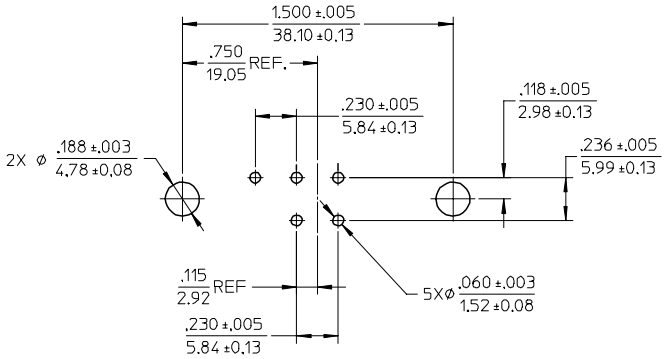
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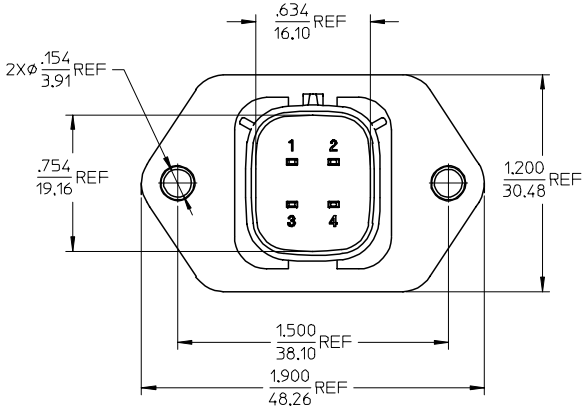
RECOMMENDED PANEL CUTOUT
MAX PANEL THICKNESS .080/2.03

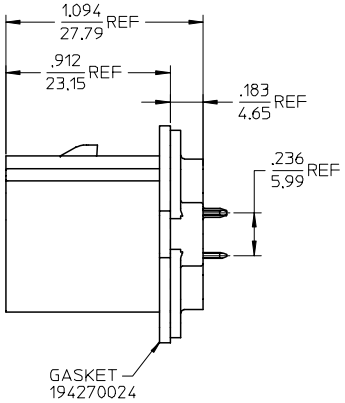


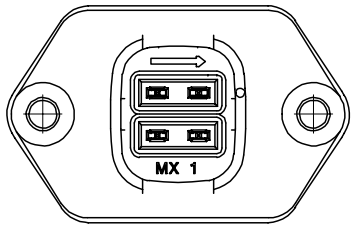




RECOMMENDED PCB LAYOUT
COMPONENT SIDE
TOLERANCES ARE NON-ACCUMULATIVE







MATERIAL NUMBER	TERMINAL PLATING
194280011	TIN
194280027	SELECT GOLD/TIN

NOTES:

1. MATERIALS:
   HOUSING: POLYESTER (PBT), GLASS FILLED, UL94 V-0,
   COLOR: BLACK
   TERMINALS: COPPER ALLOY
2. FINISHES: 1. TIN ONLY: 100µIN TIN OVER 50µIN NICKEL
   2. TIN/GOLD: 30µIN SELECT GOLD (CONTACT MATING AREA),
   100µIN SELECT TIN (PCB TAIL AREA) OVER 50µIN NICKEL OVERALL.
3. PRODUCT SPECIFICATION: PS-19428-001.
4. PACKAGING SPECIFICATION: PK-19428-002.
5. MATES WITH: 19418 SERIES RECEPTACLE ASSEMBLIES.

PRODUCTION RELEASE
EC NO: ETC2005-0213 2005/06/10
DRWN: JPAWLICK 2005/06/14
CHKD: JPAWLICKI 2005/06/14
APPR: RDEROSS 2005/06/14
DESCRIPTION
REV A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BRUPERT DATE: 04/06/16
CHECKED BY: JPAWLICK DATE: 04/06/16
APPROVED BY: RDEROSS DATE: 04/06/16

TITLE: 4-WAY STRAIGHT HEADER ASSEMBLY, SHORT VERSION

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19428-003
SHEET NO.: 1 OF 1
SIZE: C

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