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Part Number: [0194280014](#)
Status: **Active**
Description: 5.84mm (.230") Pitch MX150L™ Vertical PCB Header, Dual Row, Low Profile, 10 Circuits

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

Agency Certification
UL E152602

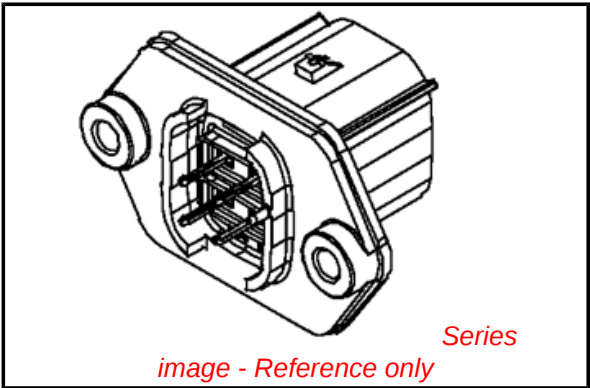
General	
Product Family	PCB Headers
Series	19428
Application	Wire-to-Board
Comments	Low Profile
Product Literature Order No	987650-2181
Product Name	MX150L™

Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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
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Need more information on product environmental compliance?

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

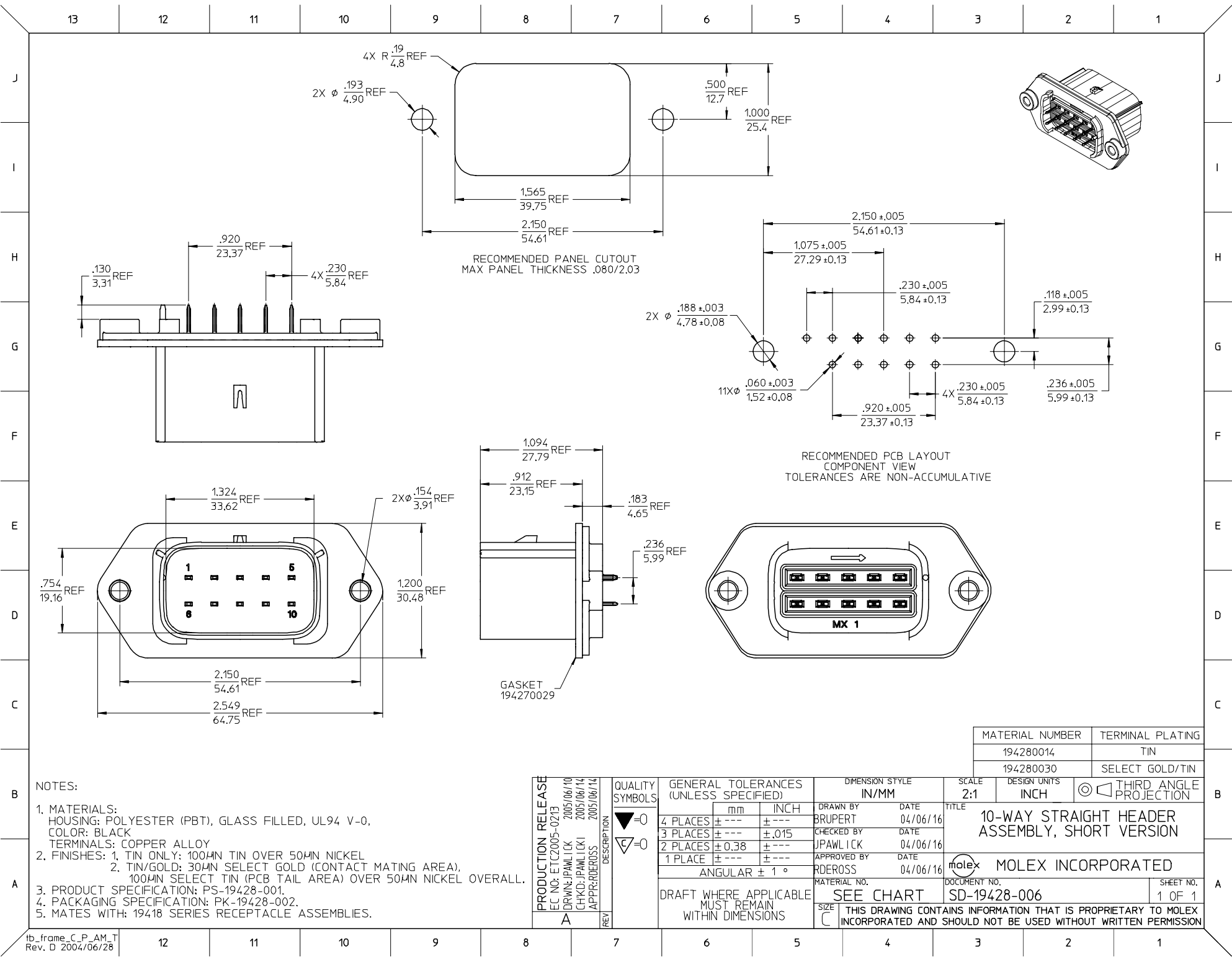
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[19428Series](#)

Mates With
[19418](#) Receptacle Assemblies

This document was generated on 04/05/2010

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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 DRWN: JPAWLICK 2005/06/10 CHKD: JPAWLICK 2005/06/14 APPR: RDEROSS 2005/06/14			QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
DESCRIPTION A	mm			INCH		DRAWN BY BRUPERT	DATE 04/06/16	TITLE 10-WAY STRAIGHT HEADER ASSEMBLY, SHORT VERSION				
	4 PLACES ± ---			± ---		CHECKED BY JPAWLICK	DATE 04/06/16					
	3 PLACES ± ---			± .015		APPROVED BY RDEROSS		DATE 04/06/16		MOLEX MOLEX INCORPORATED		
	2 PLACES ± 0.38			± ---								
	1 PLACE ± ---			± ---								
	ANGULAR ± 1 °					MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE CHART		SD-19428-006		1 OF 1		
REV					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					