

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0194170047

Status:

Active

Overview:

mx150l_sealed_connector_system

Description:

MX150L™ Male Terminal for 14-16 AWG Wire, Length 25.40mm (1.00")

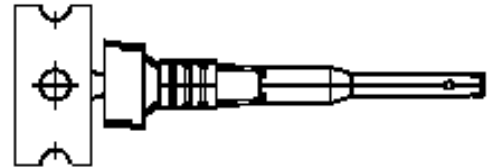


image - Reference only

Series

- Documents:
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-19417-001 (PDF)

Agency Certification

CSA

LR18689

UL

E152602

General

Product Family

Crimp Terminals

Series

19417

Comments

UL E152602|Standard Length

Crimp Quality Equipment

Yes

MolexKits

Yes

Overview

mx150l_sealed_connector_system

Product Literature Order No

987650-2181

Product Name

MX150L™

Physical

Durability (mating cycles max)

25

Gender

Male

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Packaging Type

Bag

Plating min: Mating (µin)

75.20

Plating min: Mating (µm)

1.880

Plating min: Termination (µin)

75.20

Plating min: Termination (µm)

1.88

Termination Interface: Style

Crimp or Compression

Wire Insulation Diameter

2.87 -3.53mm (.113-.139")

Wire Size AWG

14, 16

Wire Size mm²

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-19417-002

Product Specification

PS-19417-001

Sales Drawing

SD-19417-001

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

19417Series

Mates With

19420

Use With

19419 , 19429

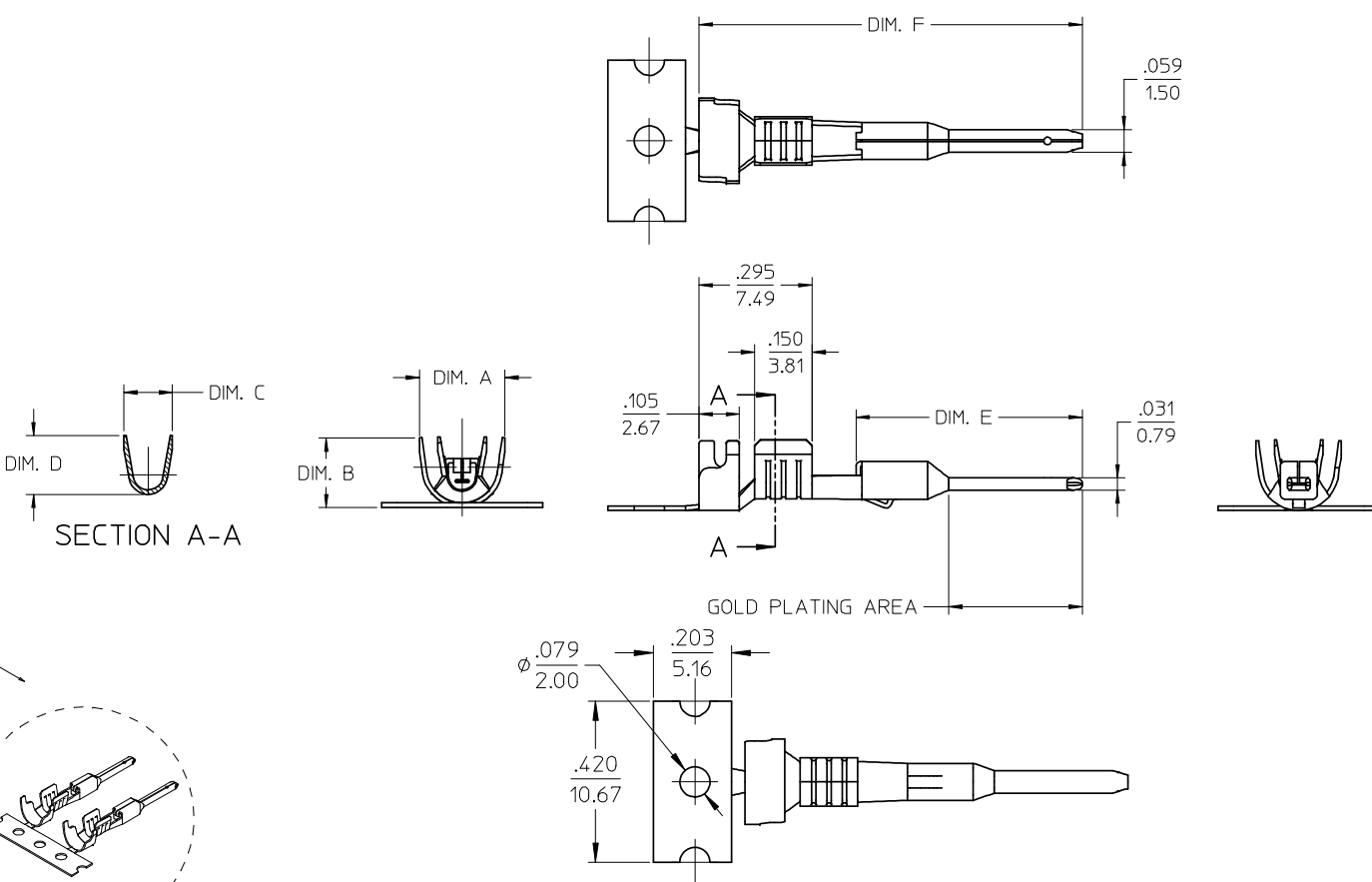
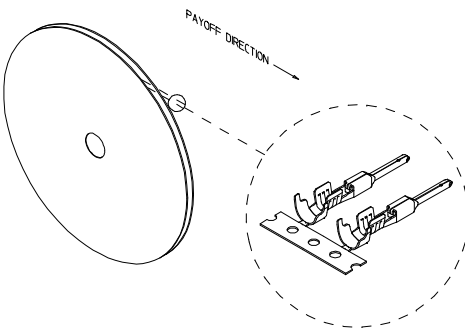
Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Manual Extraction Tool	0638131500
Hand Crimp Tool	0638114400

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	12	11	10	9	8	7	6	5	4	3	2	19417																																											
J	STRIP MATERIAL NUMBER	LOOSE PIECE MATERIAL NUMBER	AWG SIZE	FINISH			DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	J																																										
	194170011	194170047	16-14	PREPLATED TIN 75µ MIN. THICK OVER NICKEL FLASH			.230/5.84	.182/4.62	.141/3.58	.155/3.94	.591/15.00	1.000/25.40																																											
	194170024	194170048	22-18				.181/4.60	.143/3.63	.108/2.74	.112/2.84	.591/15.00	1.000/25.40																																											
I	194170025	194170049	16-14	SELECT HARD GOLD 30µ MIN. THICK WITH SELECT TIN 100µ MIN. THICK OVER NICKEL 50µ MIN. THICK OVERALL			.230/5.84	.182/4.62	.141/3.58	.155/3.94	.591/15.00	1.000/25.40																																											
	194170026	194170050	22-18				.181/4.60	.143/3.63	.108/2.74	.112/2.84	.591/15.00	1.000/25.40																																											
	194170027	194170051	16-14	PREPLATED TIN 75µ MIN. THICK OVER NICKEL FLASH			.230/5.84	.182/4.62	.141/3.58	.155/3.94	.621/15.77	1.030/26.16																																											
	194170028	194170052	22-18				.181/4.60	.143/3.63	.108/2.74	.112/2.84	.621/15.77	1.030/26.16																																											
	194170029	194170053	16-14	SELECT HARD GOLD 30µ MIN. THICK WITH SELECT TIN 100µ MIN. THICK OVER NICKEL 50µ MIN. THICK OVERALL			.230/5.84	.182/4.62	.141/3.58	.155/3.94	.621/15.77	1.030/26.16																																											
	194170030	194170054	22-18				.181/4.60	.143/3.63	.108/2.74	.112/2.84	.621/15.77	1.030/26.16																																											
 																																																							
NOTES: 1. MATERIAL: COPPER ALLOY .012/0.30 THK. 2. FINISH: SEE CHART 3. TERMINAL FOR USE WITH 19419-**** PLUG HOUSING ASSEMBLY. 4. STRIP TERMINALS ARE REELED AS SHOWN ABOVE ON 24" REELS. 4000 PARTS PER REEL. 5. LOOSE TERMINALS ARE BULK PACKAGED IN QUANTITIES OF 400. 6. APPLICATION TOOLING AND CRIMP SPECIFICATIONS: 63865-6000 (14-16 AWG), 63865-6100 (18-22 AWG), 63811-3900 (HAND TOOL).																																																							
<table><tr><td rowspan="5">EC NO: ETC2004-0249 DRWN: JPAWLICK 2004/06/25 CHKD: JPAWLICK 2004/06/25 APPR: RDEROSS 2004/06/25</td><td rowspan="5">QUALITY SYMBOLS ▽ 0 ▽ C 0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td>SCALE 4:1</td><td>DESIGN UNITS INCH</td><td rowspan="5">THIRD ANGLE PROJECTION</td><td colspan="2">REVISE ON CAD ONLY</td></tr><tr><td>mm</td><td>INCH</td><td colspan="2">DIMENSION STYLE IN/MM</td><td colspan="2">TITLE MALE PIN TERMINAL, 22-18 & 16-14 AWG, .059/1.50 X .031/0.79</td></tr><tr><td>4 PLACES ± ---</td><td>± ---</td><td>DRAWN BY JPAWLICK</td><td>DATE 05/05/03</td><td colspan="2">MOLEX INCORPORATED</td></tr><tr><td>3 PLACES ± ---</td><td>± .010</td><td>CHECKED BY JPAWLICK</td><td>DATE 05/05/02</td><td colspan="2">MATERIAL NO. SEE CHART</td></tr><tr><td>2 PLACES ± 0.25</td><td>± .02</td><td>APPROVED BY RDEROSS</td><td>DATE 05/05/03</td><td>DOCUMENT NO. SD-19417-001</td><td>SHEET NO. 1 OF 1</td></tr><tr><td colspan="2">B</td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="5">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>														EC NO: ETC2004-0249 DRWN: JPAWLICK 2004/06/25 CHKD: JPAWLICK 2004/06/25 APPR: RDEROSS 2004/06/25	QUALITY SYMBOLS ▽ 0 ▽ C 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		mm	INCH	DIMENSION STYLE IN/MM		TITLE MALE PIN TERMINAL, 22-18 & 16-14 AWG, .059/1.50 X .031/0.79		4 PLACES ± ---	± ---	DRAWN BY JPAWLICK	DATE 05/05/03	MOLEX INCORPORATED		3 PLACES ± ---	± .010	CHECKED BY JPAWLICK	DATE 05/05/02	MATERIAL NO. SEE CHART		2 PLACES ± 0.25	± .02	APPROVED BY RDEROSS	DATE 05/05/03	DOCUMENT NO. SD-19417-001	SHEET NO. 1 OF 1	B		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
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