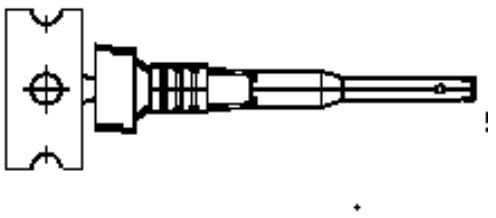
Part Number: 0194170047
Status: Active
Overview: mx150l_sealed_connector_system
Description: MX150L™ Male Terminal for 14-16 AWG Wire, Length 25.40mm (1.00")



Series image - Reference only

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 EI52602|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

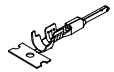
Mates With
19420

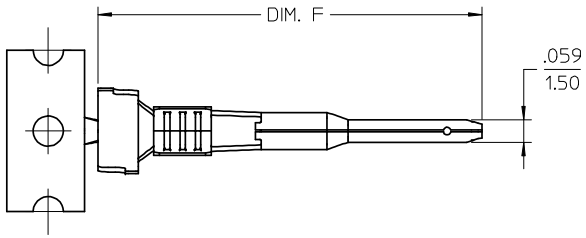
Use With
19419 , 19429

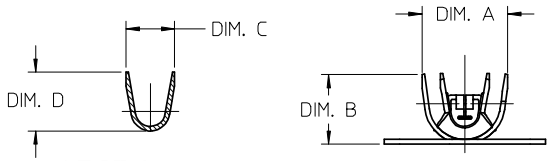
Application Tooling | **FAQ**
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

Description	Product #
Manual Extraction Tool	0638131500
Hand Crimp Tool	0638114400

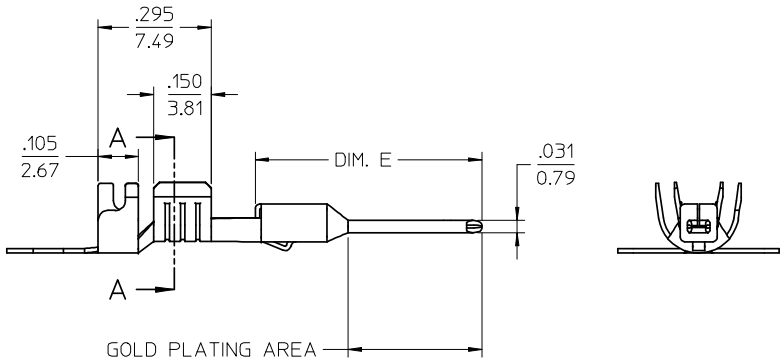
STRIP MATERIAL NUMBER	LOOSE PIECE MATERIAL NUMBER	AWG SIZE	FINISH	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"
194170011	194170047	16-14	PREPLATED TIN 75μ" MIN. THICK OVER NICKEL FLASH	.230/5.84	.182/4.62	.141/3.58	.155/3.94	.591/15.00	1.000/25.40
194170024	194170048	22-18		.181/4.60	.143/3.63	.108/2.74	.112/2.84	.591/15.00	1.000/25.40
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

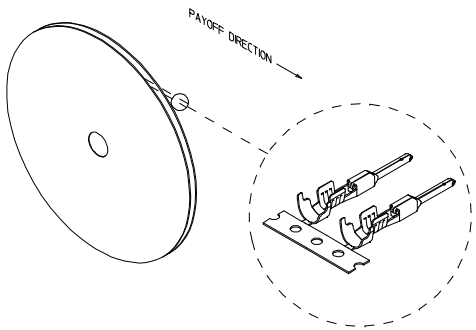


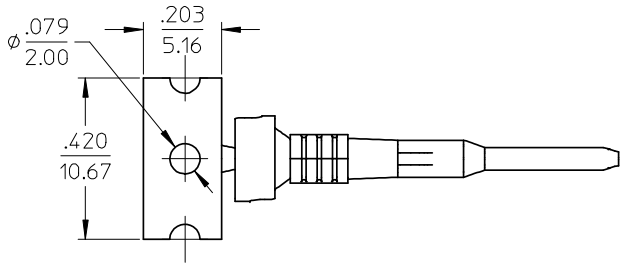




SECTION A-A







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).

EC NO: ETC2004-0249
DRWN: JPAWLICK 2004/06/25
CHKD: JPAWLICK 2004/06/25
APPR: RDEROSS 2004/06/25
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼ - 0
▽ (C) - 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .02
1 PLACE	± 0.5	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 4:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY
DIMENSION STYLE IN/MM
DRAWN BY JPAWLICK DATE 05/05/03
CHECKED BY JPAWLICK DATE 05/05/02
APPROVED BY RDEROSS DATE 05/05/03

TITLE: MALE PIN TERMINAL, 22-18 & 16-14 AWG, .059/1.50 X .031/0.79

MOLEX INCORPORATED

MATERIAL NO. SEE CHART | DOCUMENT NO. SD-19417-001 | SHEET NO. 1 OF 1

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C