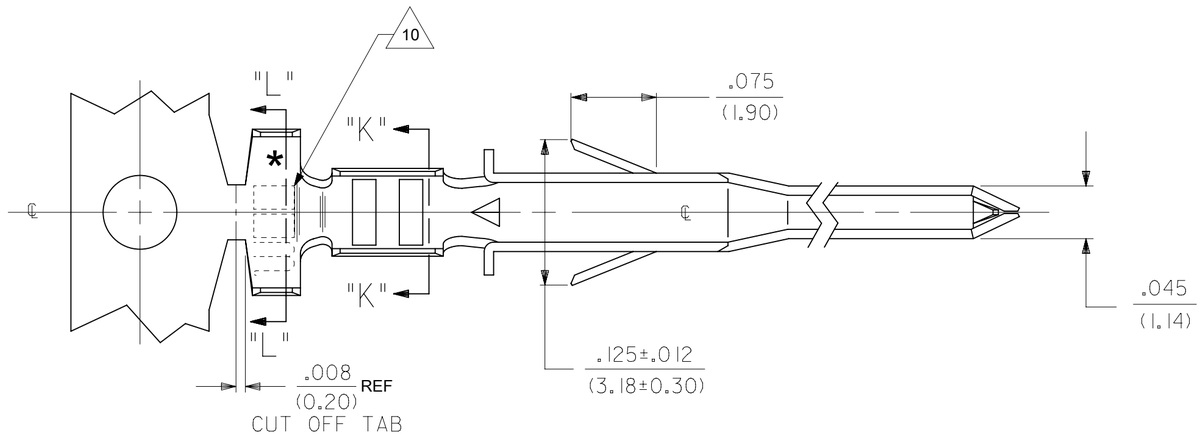
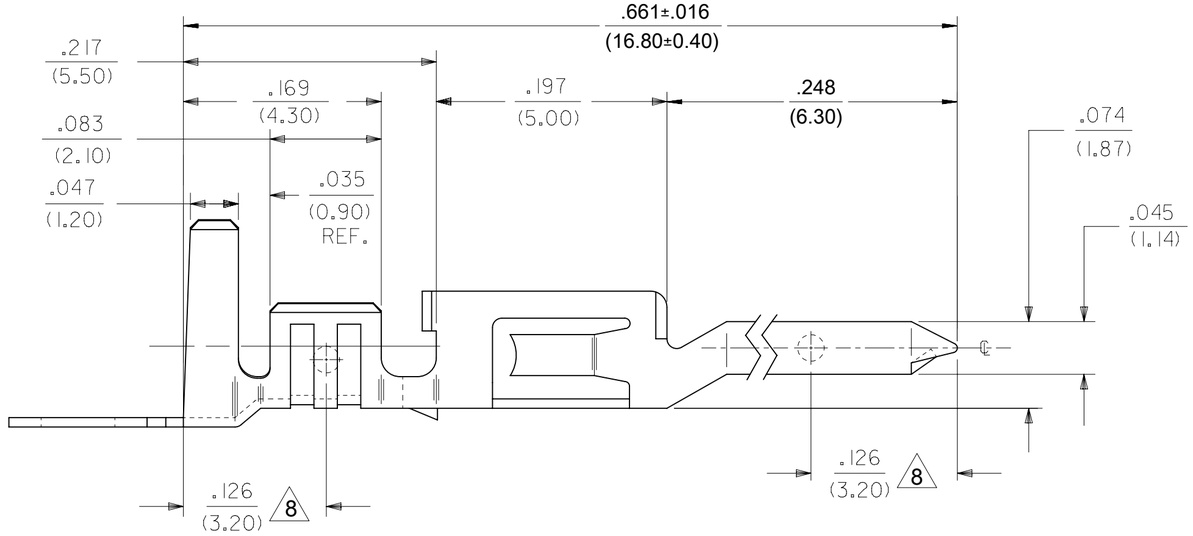
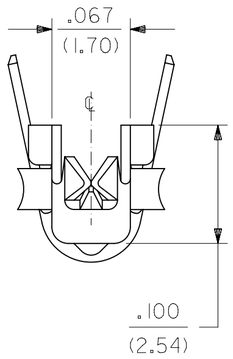
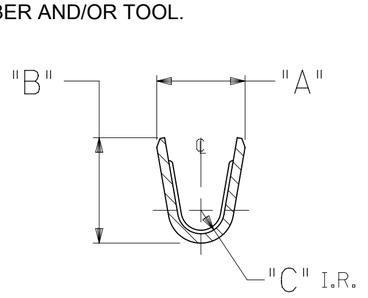
ITEM NO.	FORM	WIRE GAGE	RANGE OF INSULATION DIA.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	FINISH (SEE NOTE 2)
46012-1141	CHAIN	18-20 GA.	.051-.122 (1.30-3.10)	.075±.012 (1.90±.30)	.091±.016 (2.30±.40)	.020 (.50)	.142±.012 (3.60±.30)	.177±.016 (4.50±.40)	.035 (.90)	FINISH 1 - BRIGHT TIN OVER NICKEL
46012-1142	LOOSE									
46012-3141	CHAIN	16 GA.	.122 (3.10) MAX.	.091±.012 (2.30±.30)	.106±.016 (2.70±.40)	.024 (.60)	.142±.012 (3.60±.30)	.177±.016 (4.50±.40)	.035 (.90)	
46012-3142	LOOSE									
46012-1241	CHAIN	18-20 GA.	.051-.122 (1.30-3.10)	.075±.012 (1.90±.30)	.091±.016 (2.30±.40)	.020 (.50)	.142±.012 (3.60±.30)	.177±.016 (4.50±.40)	.035 (.90)	FINISH 2 - SEL. GOLD AND SEL. MATTE TIN OVER NICKEL
46012-1242	LOOSE									
46012-3241	CHAIN	16 GA.	.122 (3.10) MAX.	.091±.012 (2.30±.30)	.106±.016 (2.70±.40)	.024 (.60)	.142±.012 (3.60±.30)	.177±.016 (4.50±.40)	.035 (.90)	
46012-3242	LOOSE									

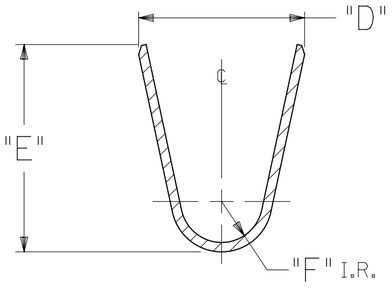








SECT. "K-K"
(VIEW ROTATED 90° CW)



SECT. "L-L"
(VIEW ROTATED 90° CW)

NOTES:
1. MATERIAL:
   COPPER ALLOY
2. FINISH:
   1= .000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN NICKEL OVERALL.
   2= .000030/(.00076) MIN SELECT GOLD IN CONTACT AREA AND .000100/(0.00254) MIN SELECT MATTE TIN IN CRIMP AREA OVER .000050/(0.00127) MIN NICKEL OVERALL.
   GOLD PLATING RECOMMENDED FOR APPLICATIONS WHERE FRETTING CORROSION IS A CONCERN.
3. PRODUCT SPECIFICATION: PS-45750-001
4. PACKAGING SPECIFICATION: PK-46012-001 FOR CHAIN TERMINALS
   PK-5556-003 FOR LOOSE TERMINALS.
5. TERMINAL MATES WITH FEMALE TERMINAL SERIES 45750 AND IS FOR USE WITH MOLEX PLUG HOUSINGS 5559, 46993,42475, 43770 AND 30068.
6. THIS TERMINAL IS DESIGNED FOR SINGLE WIRE CRIMPING.
7. WHEN TERMINALS ARE INSTALLED IN THE HOUSINGS, THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKETS.
8. MEASURING POINT FOR PLATING THICKNESS.
9. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
10. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

LEGEND:

46012 - * * 4 *

- BASE NO.
- WIRE GAGE: 1= 18-20; 3= 16
- PLATING: 1= TIN; 2= GOLD
- CHAIN OR LOOSE: 1= CHAIN; 2= LOOSE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	INCH/MM
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	MM / INCH
4 PLACES	± / ±
3 PLACES	± / ± 0.01
2 PLACES	± 0.25 / ± 0.015
1 PLACE	± 0.38 / ±
0 PLACES	± / ±
ANGULAR TOL	± 0.5 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 776137
DRWN: JERRYW8 2024/02/06
CHK'D: XQZHANG 2024/02/22
APPR: XQZHANG 2024/02/22

INITIAL REVISION:
DRWN: TGREGORI 2005/07/28
APPR: JCOMERCI 2005/07/28

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 46012

molex

TERM., MALE, CRIMP
MINI-FIT JR. HCS PLUS SERIES

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-46012-001	PSD	001	D7

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2024/02/22 08:10:00

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E1
DATE: 2021/05/01