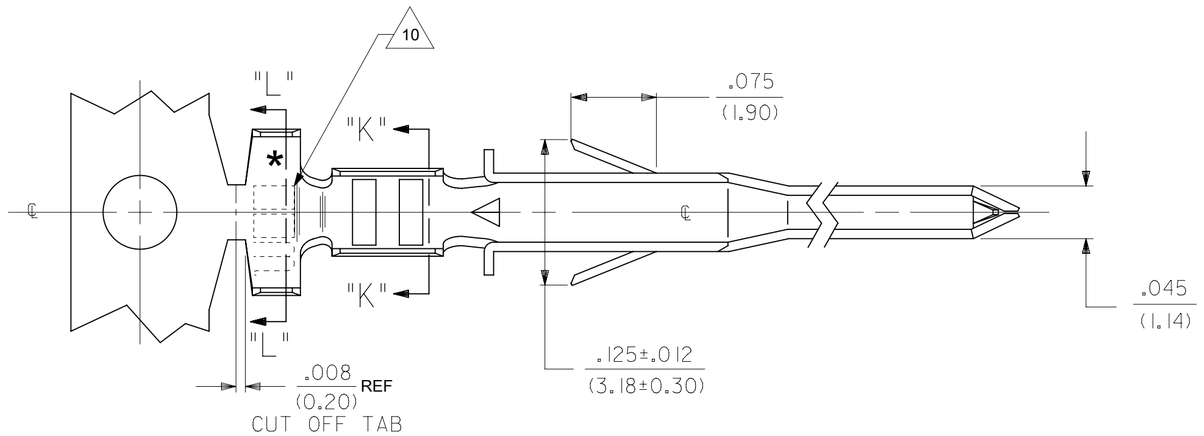
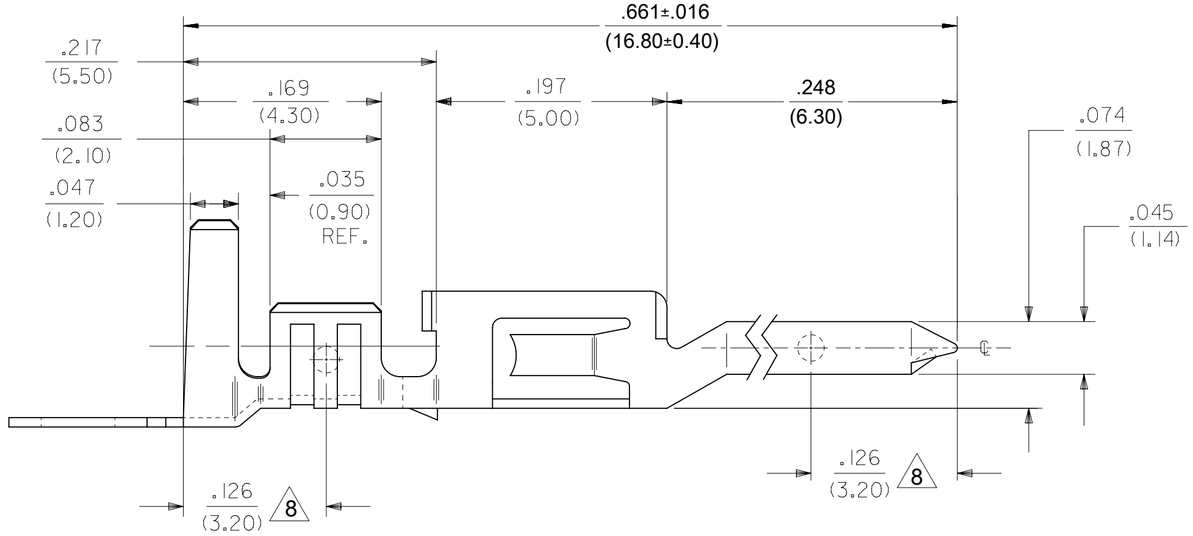
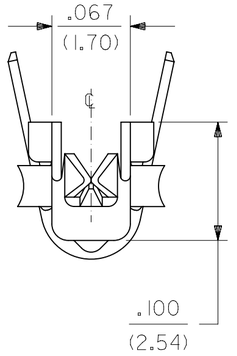
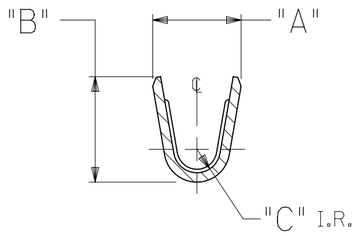
ITEM NO.	FORM	WIRE GAGE	RANGE OF INSULATION DIA.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	FINISH (SEE NOTE 2)
46012-1141	CHAIN	18-20 GA.	.051-.122 (1.30-3.10)	.075±.012 (1.90±.30)	.091±.016 (2.30±.40)	.020 (.50)	.142±.012 (3.60±.30)	.177±.016 (4.50±.40)	.035 (.90)	FINISH 1 - BRIGHT TIN OVER 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									



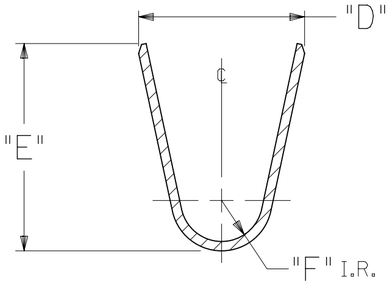


NOTES:
1. MATERIAL:
   COPPER ALLOY
2. FINISH:
   1= .000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN NICKEL OVERALL.
   2= .000030/(.00076) MIN SELECT GOLD IN CONTACT AREA AND .000100/(0.00254) MIN SELECT MATTE TIN IN CRIMP AREA OVER .000050/(0.00127) MIN NICKEL OVERALL.
   GOLD PLATING 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.





SECT. "K-K"
(VIEW ROTATED 90° CW)



SECT. "L-L"
(VIEW ROTATED 90° CW)

LEGEND:

46012 - * * 4 *

- 46012 — BASE NO.
- * — WIRE GAGE: 1= 18-20; 3= 16
- * — PLATING: 1= TIN; 2= GOLD
- 4 —
- * — 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	CURRENT REV DESC:	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)			TERM., MALE, CRIMP MINI-FIT JR. HCS PLUS SERIES
MM / INCH		EC NO: 776137	PRODUCT CUSTOMER DRAWING
4 PLACES ± / ±		DRWN: JERRYW8 2024/02/06	DOCUMENT NUMBER: SD-46012-001
3 PLACES ± / ± 0.01		CHK'D: XQZHANG 2024/02/22	DOC TYPE: PSD
2 PLACES ± 0.25 / ± 0.015		APPR: XQZHANG 2024/02/22	DOC PART: 001
1 PLACE ± 0.38 / ±		INITIAL REVISION:	REVISION: D7
0 PLACES ± / ±		DRWN: TGREGORI 2005/07/28	
ANGULAR TOL ± 0.5 °		APPR: JCOMERCI 2005/07/28	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: C-SIZE; SERIES: 46012
			MATERIAL NUMBER: SEE CHART; CUSTOMER: GENERAL MARKET; SHEET NUMBER: 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