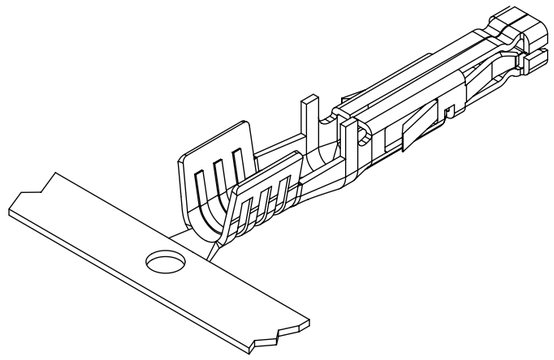
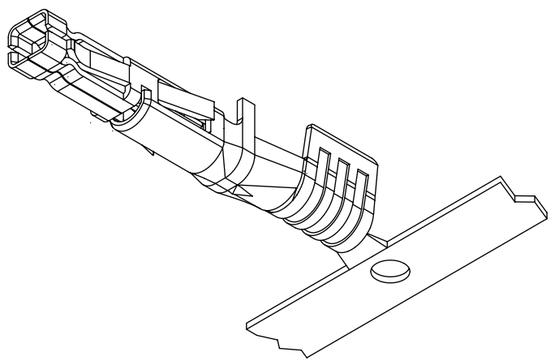
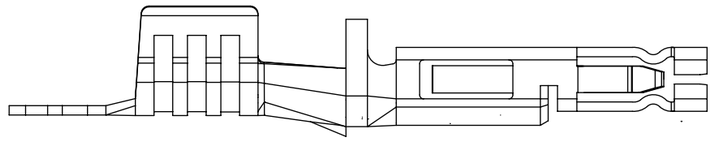
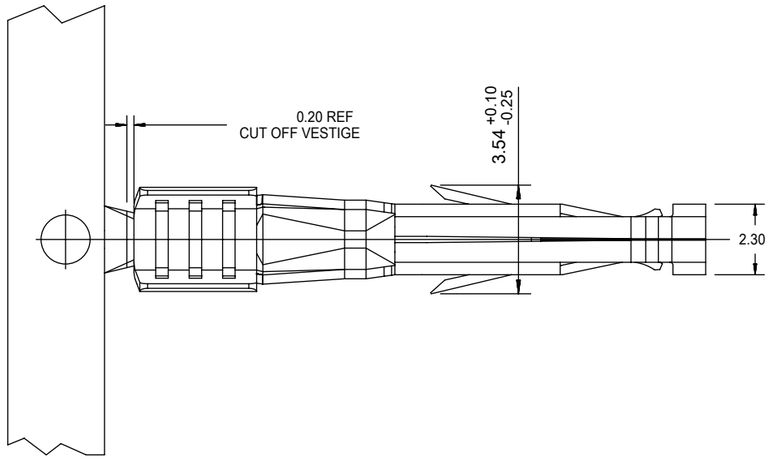
ITEM NO.	WIRE GAUGE (AWG)	WIRE GAUGE (METRIC)	PLATING	PACKAGING
172063-0311	14 OR 16 AWG	1.5mm^2	15 GOLD	REEL
172063-0312	12 AWG	4.0 OR 2.5mm^2	15 GOLD	REEL
172063-1311	14 OR 16 AWG	1.5mm^2	30 GOLD	REEL
172063-1312	12 AWG	4.0 OR 2.5mm^2	30 GOLD	REEL
76823-0321	14 OR 16 AWG	1.5mm^2	TIN	REEL
76823-0322	12 AWG	4.0 OR 2.5mm^2	TIN	REEL

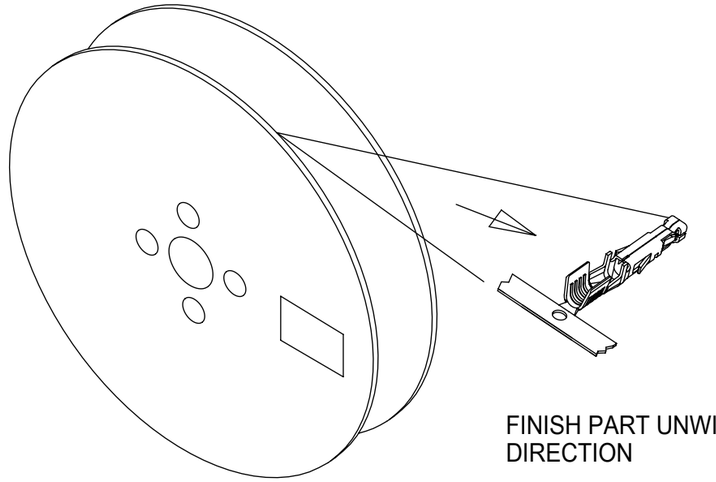




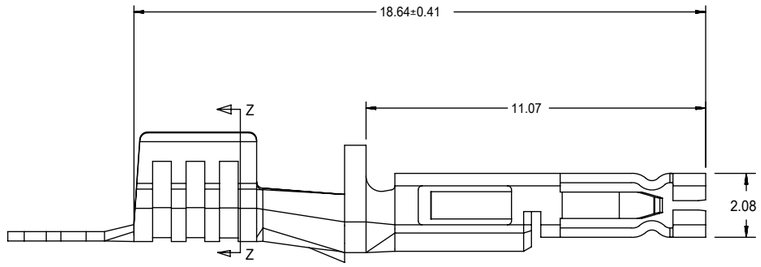


172063-0311 SHOWN

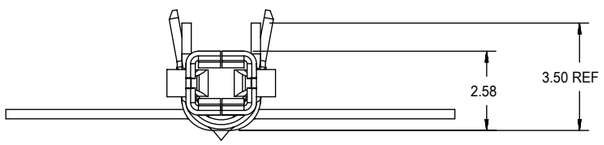


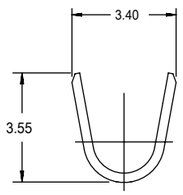


FINISH PART UNWIND DIRECTION



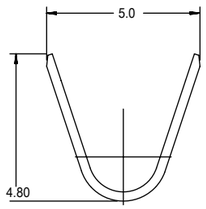
76823-0321 SHOWN





SECTION Z-Z

CONDUCTOR CRIMP 14/16 AWG



SECTION Z-Z

CONDUCTOR CRIMP 12 AWG

MODEL: EM-76823-0111 & EM-172063-0311

NOTES:

1. MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY

2. FINISH:
   (TIN) 1.52 MICROMETER /(60 MICROINCH) MINIMUM REFLOWED MATTE TIN OVER 1.27 MICROMETER /(50 MICROINCH) MINIMUM NICKEL. LUBRICANT ADDED TO CONTACT INTERFACE.
   (15 GOLD) 0.38 MICROMETER /(15 MICROINCH) MINIMUM SELECT GOLD AND 2.54 MICROMETER /(100 MICROINCH) MINIMUM SELECT MATTE TIN OVER 1.27 MICROMETER /(50 MICROINCH) MINIMUM NICKEL OVERALL.
   (30 GOLD) 0.76 MICROMETER /(30 MICROINCH) MINIMUM SELECT GOLD AND 2.54 MICROMETER /(100 MICROINCH) MINIMUM SELECT MATTE TIN OVER 1.27 MICROMETER /(50 MICROINCH) MINIMUM NICKEL OVERALL.

3. PRODUCT SPECIFICATION: PS-76823-100

4. PACKAGING REEL PER PK-76823-001.
   LOOSE PER PK-76823-002

5. TERMINAL FOR USE WITH 170001 & 171692-01XX SERIES RECEPTACLES.

6. APPLICATION SPECIFICATION: AS-76823-100

7. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.25
1 PLACE	± 0.36
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 755658
DRWN: WYATTH5 2023/07/04
CHK'D: XQZHANG 2023/07/24
APPR: XQZHANG 2023/07/24

INITIAL REVISION:
DRWN: MKARADIMAS 2011/10/19
APPR: APATEL 2012/04/03

molex

FEMALE CRIMP TERMINAL
MEGA-FIT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-76823-0100	PSD	001	C4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	76823		GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/24 06:40:41

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01