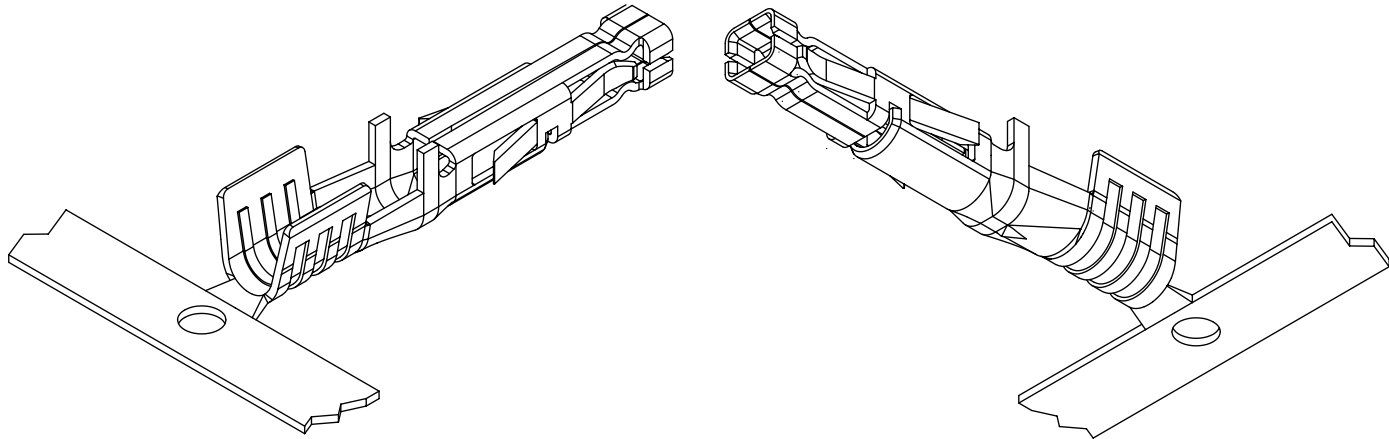
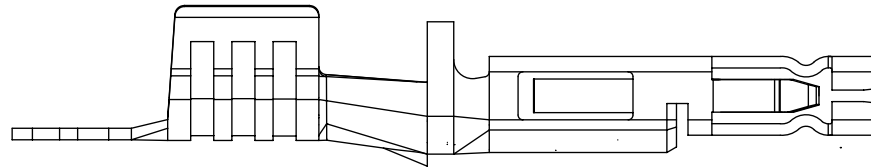
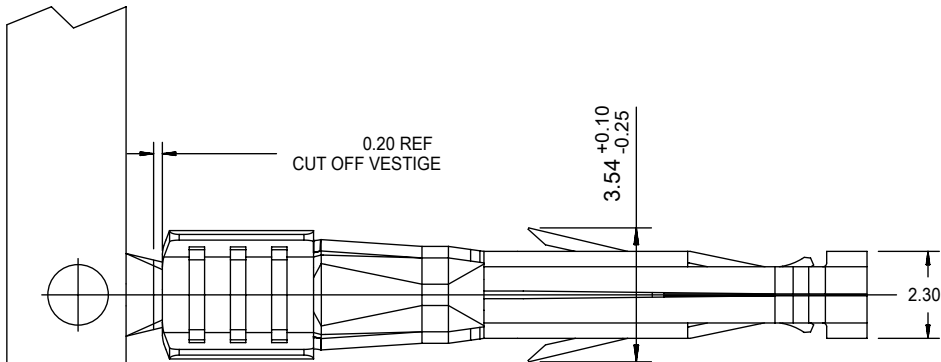
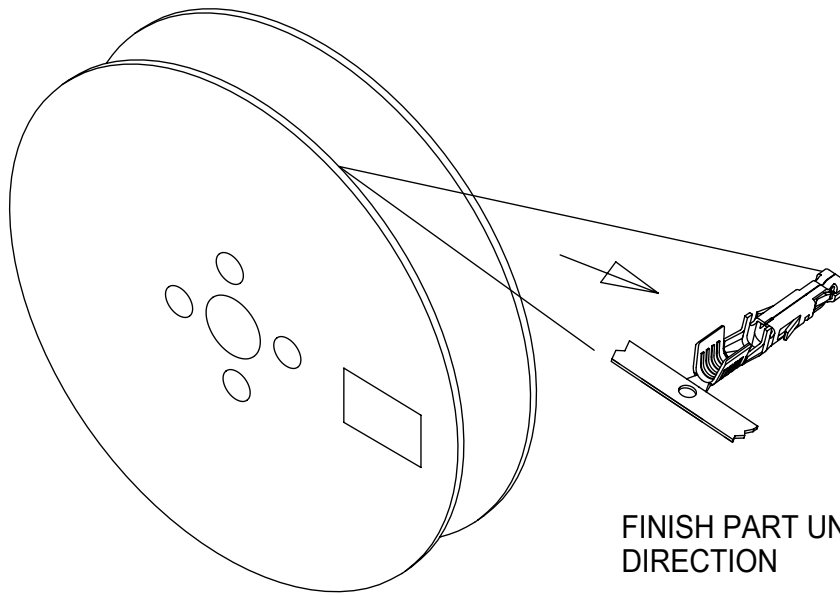


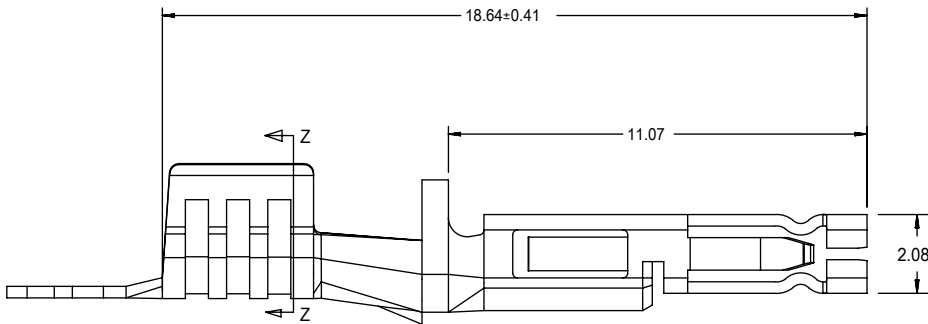
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ITEM NO.		WIRE GAUGE (AWG)	WIRE GAUGE (METRIC)	PLATING	PACKAGING
172063-0311		14 OR 16 AWG	1.5mm ²	15 GOLD	REEL
172063-0312		12 AWG	4.0 OR 2.5mm ²	15 GOLD	REEL
172063-1311		14 OR 16 AWG	1.5mm ²	30 GOLD	REEL
172063-1312		12 AWG	4.0 OR 2.5mm ²	30 GOLD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



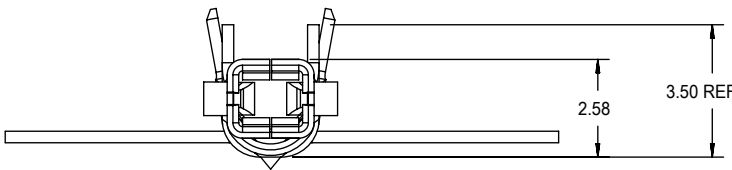
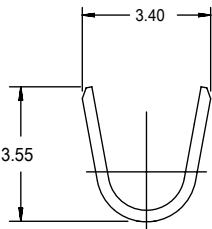
172063-0311 SHOWN



FINISH PART UNWIND DIRECTION

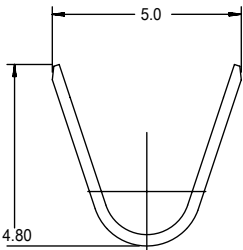


76823-0321 SHOWN



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		SCALE		CURRENT REV DESC:			<div>molex</div> <div>FEMALE CRIMP TERMINAL MEGA-FIT</div>				
mm	NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 755658 DRWN: WYATTH52023/07/04 CHK'D: XQZHANG2023/07/24 APPR: XQZHANG2023/07/24			PRODUCT CUSTOMER DRAWING					
ANGULAR TOL ± 0.5 °											
4 PLACES	±										
3 PLACES	±										
2 PLACES	± 0.25										
1 PLACE	± 0.36	INITIAL REVISION: DRWN: MKARADIMAS2011/10/19 APPR: APATEL2012/04/03			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES	±				SD-76823-0100		PSD	001	C4		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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
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