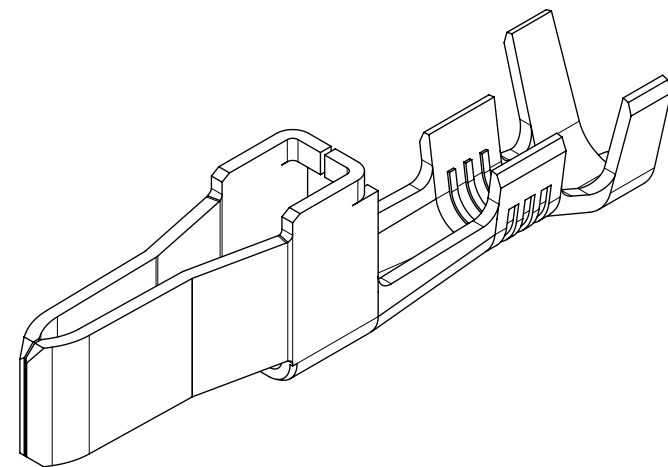
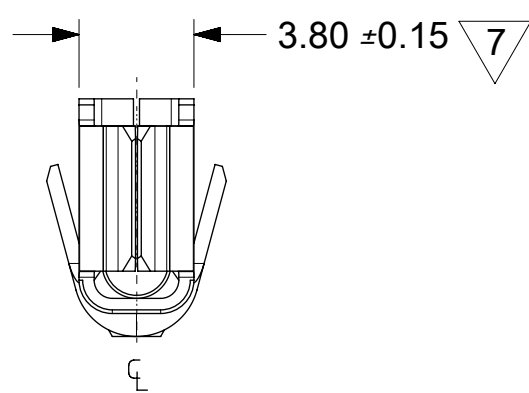
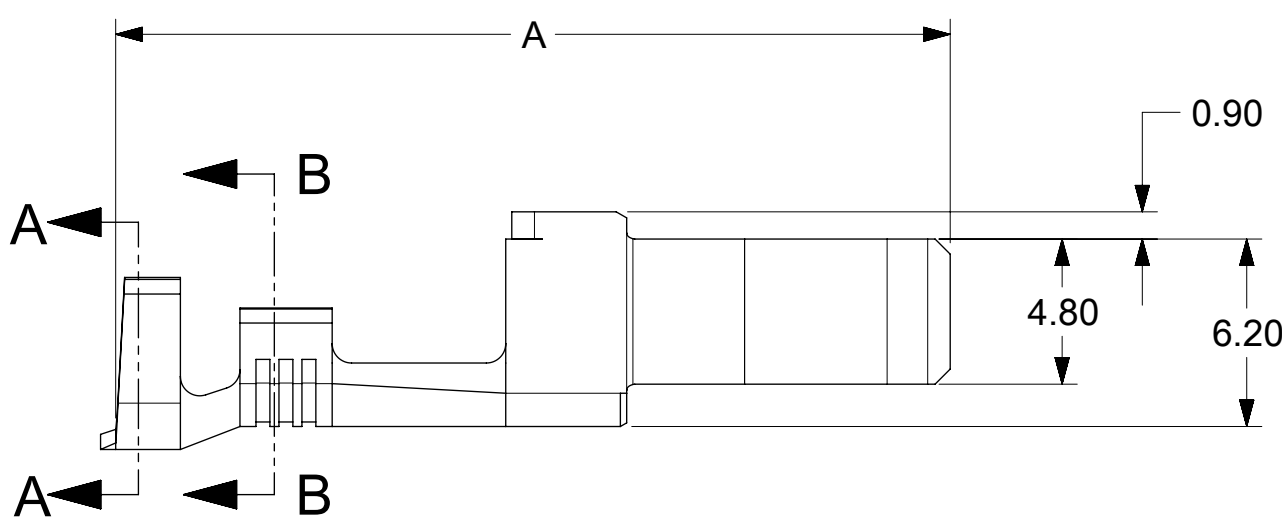
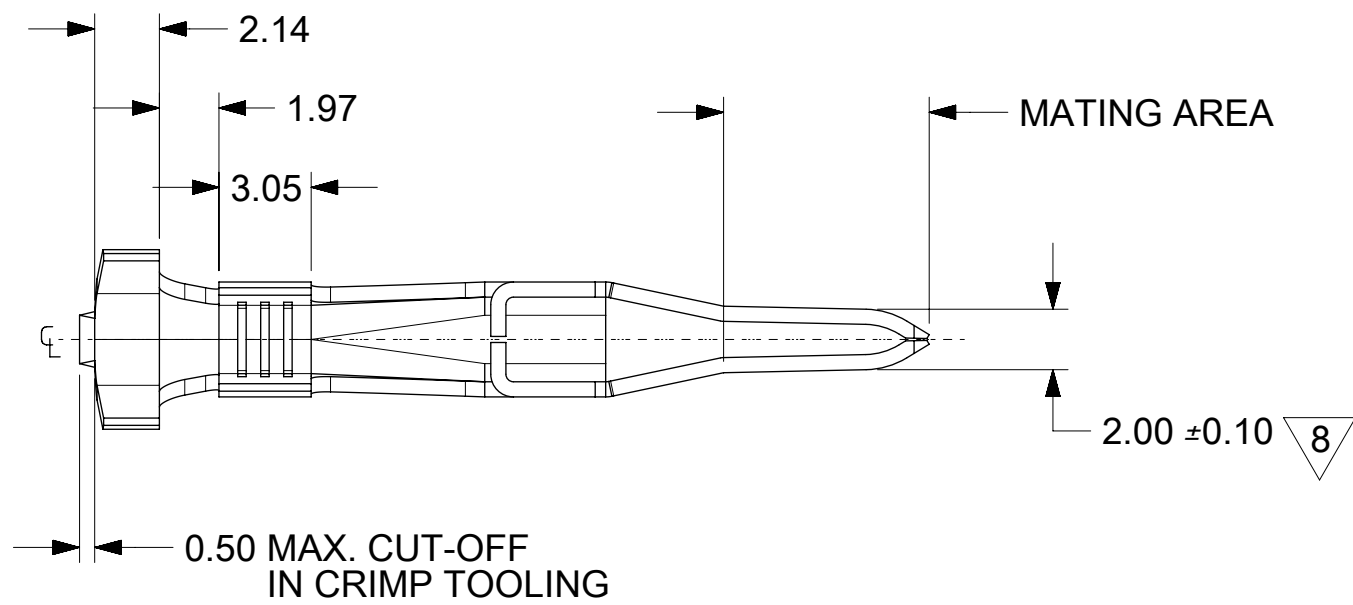
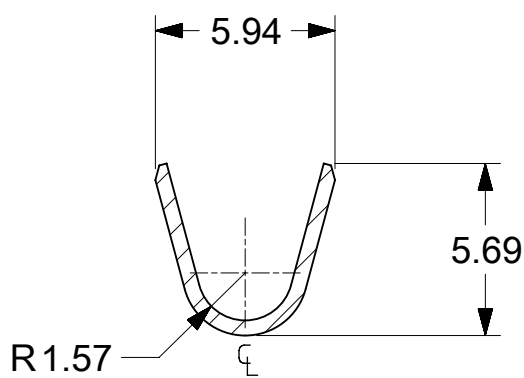
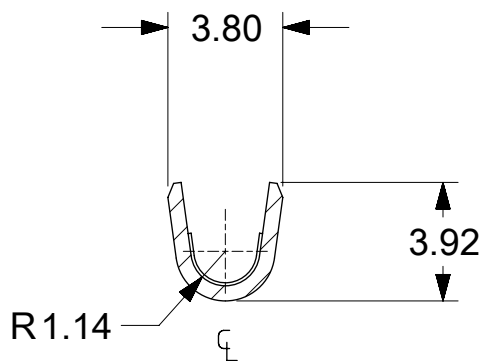




ISOMETRIC VIEW



SECTION A-A
INSULATON CRIMP

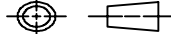


SECTION B-B
CONDUCTOR CRIMP

NOTES:

- MATERIAL: COPPER ALLOY 151, 0.50mm THICK.
- PLATING:
SELECT GOLD: 0.00076 MIN. SELECT. GOLD IN CONTACT AREA, 0.00254 MIN. SELECT *TIN IN CRIMP AREA,OVER 0.00127 NICKEL.
SELECT SILVER: 0.00254 MIN. SELECT. SILVER IN CONTACT AREA, 0.00254 MIN. SELECT *TIN IN CRIMP AREA,OVER 0.00127 NICKEL.
OVERALL TIN: 0.00254 MIN. BRIGHT *TIN OVER 0.00127 MIN. NICKEL
- PRODUCT SPECIFICATION: PS-42815-001.
- PACKAGING INFORMATION: PK-42815-001.
- PART IS DESIGN IN METRIC.
- TERMINALS FOR USE WITH STRANDED WIRE ONLY, STRANDED TINNED WIRE IS RECOMMENDED.
- AFTER CRIMPING, THIS DIMENSION = 3.55mm MIN.
- AFTER CRIMPING, THIS DIMENSION = 2.25mm MAX.
- CRIMP SPECIFICATION: 638301000.
- WHEN USING TIN-PLATED TERMINALS FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT, NYOGEL 760G, ON THE MATING AREA OF THE TERMINAL. LUBRICANT SHOULD BE APPLIED AFTER THE TERMINALS ARE INSERTED INTO THE HOUSING.
- PARTS CONFORM TO CLASS 'B' REQUIREMENT OF COSMETIC SPEC PS-45499-002
- REFER AS-42815-001 FOR TIN PLATED TERMINALS RECOMMENDED LUBRICATION PROCEDURE.

MATERIAL NO.	CONFIGURATION	DIM. "A"	PLATING	STATUS
428170041	STANDARD	27.60	TIN	PLANNED FOR OBSOLESCENCE
428170141	MAKE-FIRST/BREAK-LAST	29.60	TIN	
428170042	STANDARD	27.60	SELECT GOLD	ACTIVE
428170142	MAKE-FIRST/BREAK-LAST	29.60	SELECT GOLD	ACTIVE
428171044	STANDARD	27.60	SELECT SILVER	ACTIVE
428171144	MAKE-FIRST/BREAK-LAST	29.60	SELECT SILVER	ACTIVE

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: MIGRATED TO ECTR				molex			
MM		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 171562		MINI-FIT SR. MALE CRIMP TERMINAL, 14-16 AWG	
	MM	INCH									
4 PLACES	±		±	DRWN: RLALSANGI		2017/07/19		PRODUCT CUSTOMER DRAWING			
3 PLACES	±		±	CHK'D: ISHWARG		2018/05/04					
2 PLACES	±	0.25	±	APPR: ISHWARG		2018/05/04					
1 PLACE	±	0.4	±	INITIAL REVISION:				DOCUMENT NUMBER			
0 PLACES	±		±	DRWN: MFIRLEJ				DOC TYPE			
ANGULAR TOL				± 0.5 °		2002/05/15		DOC PART			
				APPR: JCOMERCI		2002/05/15		REVISION			
						SD-42817-020		PSD			
								001			
								C			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER			
						C-SIZE		42817			
						MATERIAL NUMBER		CUSTOMER			
						SEE CHART		GENERAL MARKET			
								1 OF 1			

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/04	12:38:13
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