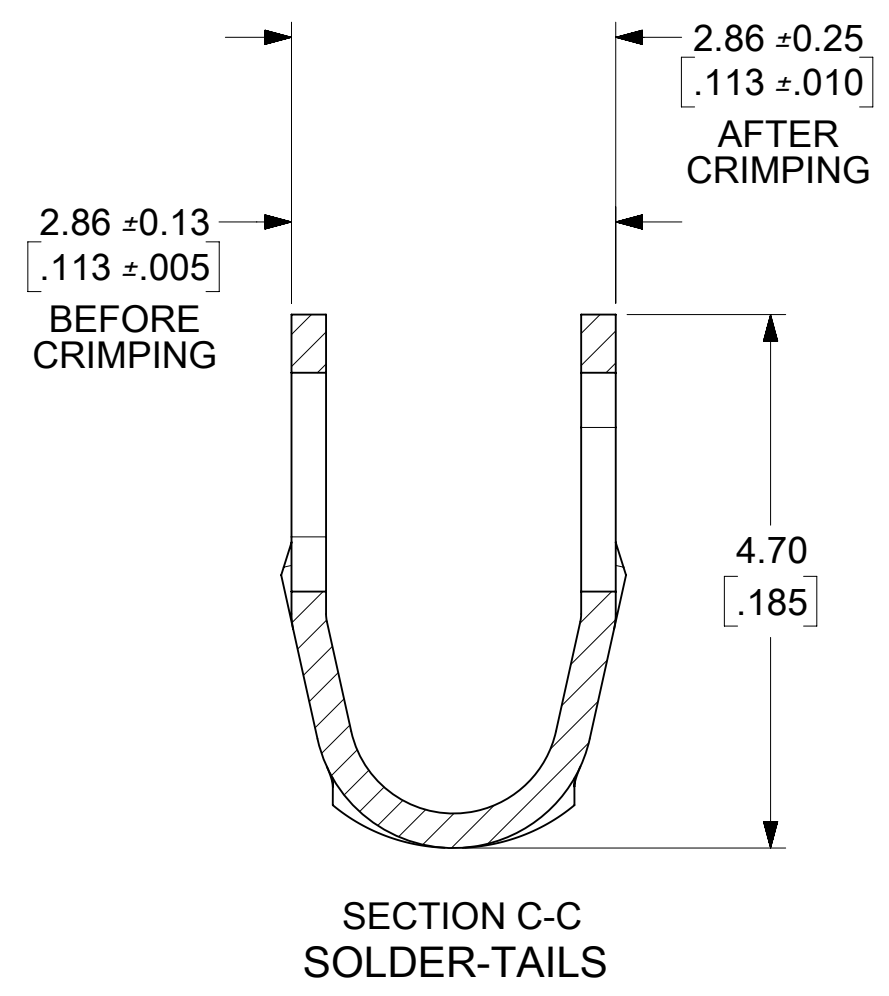
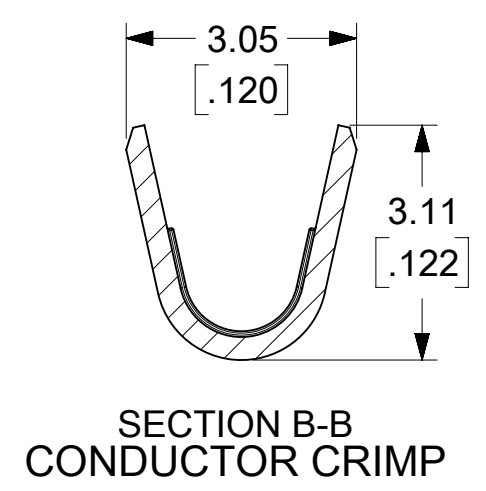
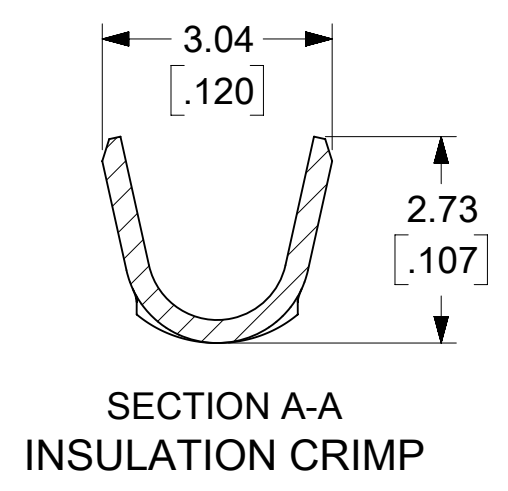
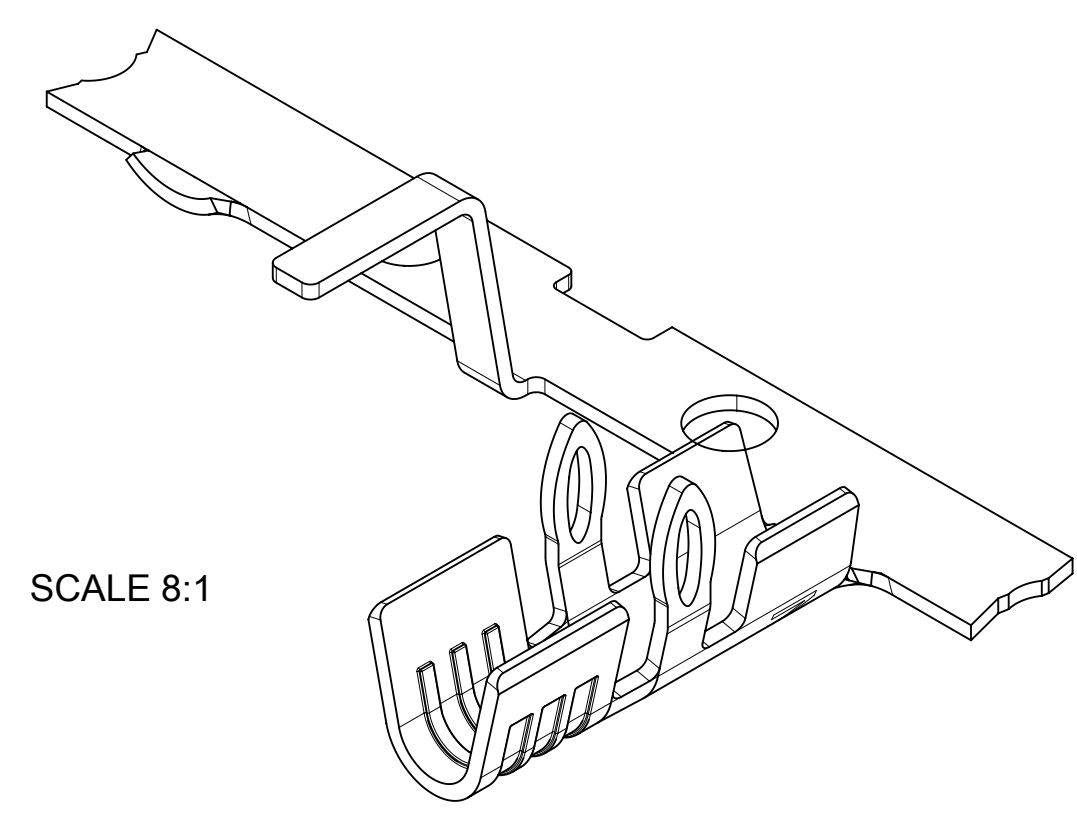
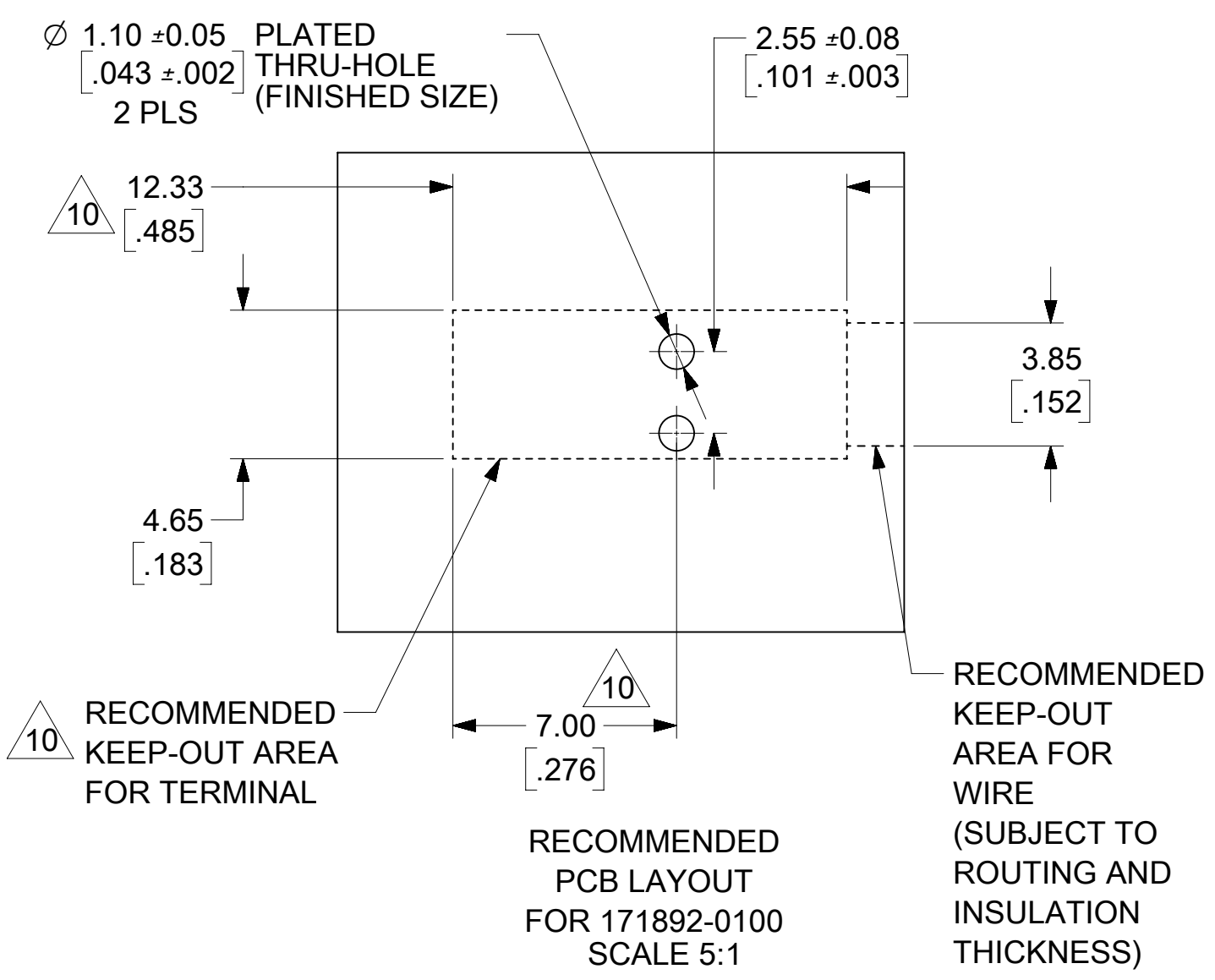
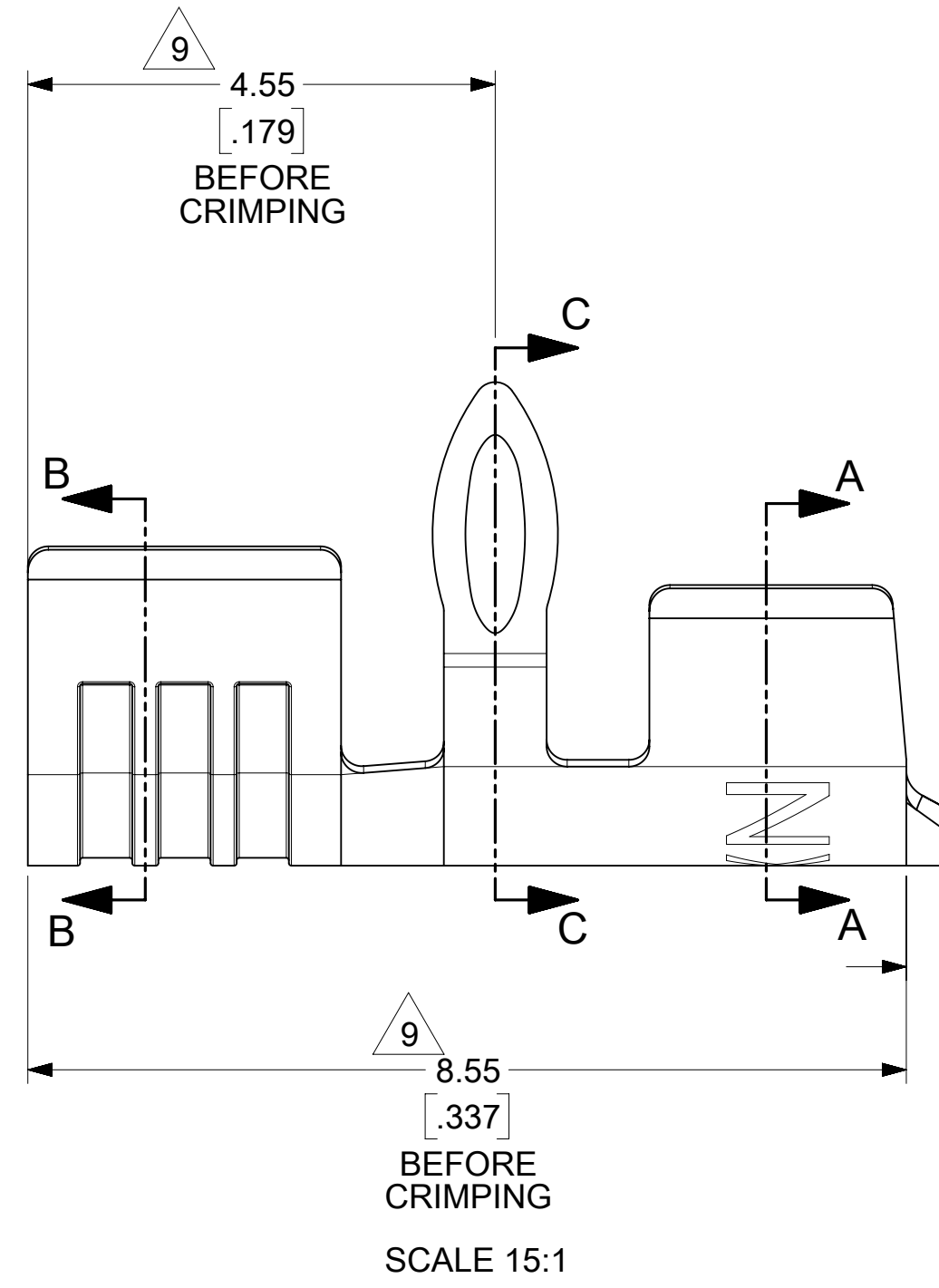


MATERIAL NUMBER	MATERIAL	PLATING	COND. SIZE	MAX INS DIA <sup>8</sup>	MAX PCB THICKNESS <sup>8</sup>
171892-0100	BRASS	RMT	16 AWG	2.0 / .079 (UL10064)	1.57 / .062

LEGEND: 171892-WXYZ

W = PLATING  
 (0 = REFLOWED MATTE TIN)  
 X = CRIMP SIZE  
 (1 = 16 AWG, THIN (UL10064) INSUL / .062 PCB)  
 YZ = NOT USED  
 (00)

- NOTES:
- MATERIAL: BRASS
  - FINISH:  
RMT = OVERALL REFLOWED MATTE TIN, 0.00152 / .000060 MIN OVER 0.00127 / .000050 MIN NICKEL, OVERALL
  - PRODUCT SPECIFICATION: PS-171892-001
  - PACKAGING INFORMATION: PK-171892-001  
3,000 PER 24" CARDBOARD REEL
  - MATES WITH: N/A (FOR SOLDERING TO PCB)
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  - TERMINAL DESIGNED FOR THRU-HOLE SOLDERING, NOT FOR PRESS-FIT. INTERFERENCE FIT PROVIDES RETENTION OF TERMINAL TO BOARD DURING SOLDERING ONLY.
  - <sup>8</sup> MAX INSULATION DIAMETER AND MAX PCB THICKNESS SHOWN ARE GUIDELINES TO PRODUCE 0.50 / .020 OR MORE SOLDER-TAIL PROTRUSION.
  - <sup>9</sup> CRIMPING PROCESS CAUSES TERMINAL GROWTH OF APPROXIMATELY 1.0 / .04.
  - <sup>10</sup> INCLUDING TERMINAL GROWTH AND WIRE BRUSH LENGTH.



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

COND. SIZE UPDATED 2017/11/28 2017/12/05 2017/12/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE
	MM	INCH	MM/IN	10:1
	4 PLACES ±	±	DRWN BY	DATE
	3 PLACES ±	± 0.01	BANDERSON	2013/02/04
	2 PLACES ±	± 0.014	CHK'D BY	DATE
1 PLACES ±	± 0.014	SSOUSEK	2013/05/01	
0 PLACES ±	±	APPR BY	DATE	
		FSMITH	2013/05/13	
		ANGULAR TOL = 0.5	DRAWING SIZE	THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	C	

molex®		
SOLDER RIGHT RIGHT-ANGLE BOARD-IN TERMINAL		
PRODUCT CUSTOMER DRAWING		
SERIES	MATERIAL NUMBER	CUSTOMER
171892	SEE CHART	
DOCUMENT NUMBER	DOC TYPE	DOC PART SHEET NUMBER
SD-171892-001	PSD	001 1 OF 1