

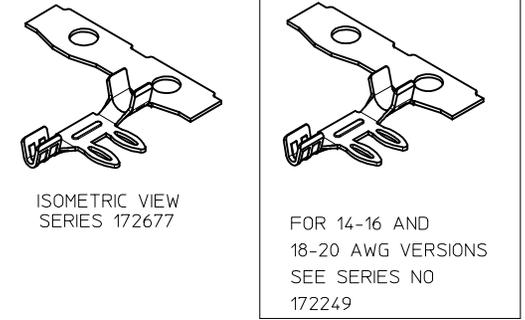
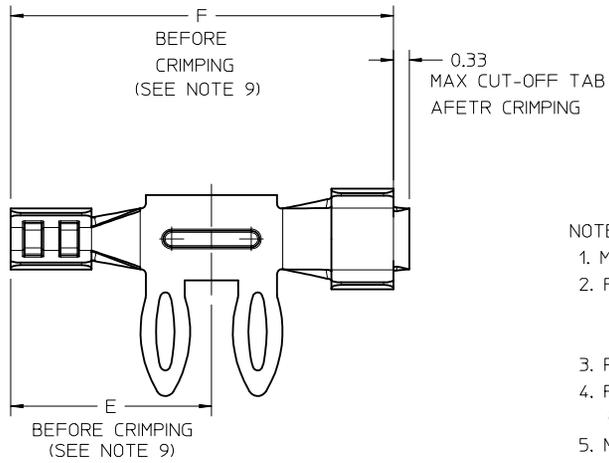
10	9	8	7	6	5	4	3	2	1		
MATERIAL NUMBER	MATERIAL	PLATING	COND SIZE	INS DIA RANGE (SEE NOTE 8)	MAX PCB THICKNESS (SEE NOTE 8)	A	B	C	D	E	F
172677-0100	BRASS	RMT	22-24 AWG	1.40-1.60 (UL 1007)	1.57 / .062"	1.80	1.65	2.75	2.19	4.13	7.87
172677-0200	BRASS	RMT	26-28 AWG	1.20-1.30 (UL 1007)	1.57 / .062"	1.26	1.53	2.07	1.88	4.13	7.87

LEGEND: 172677-WXYZ

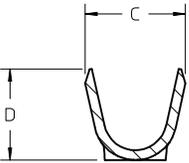
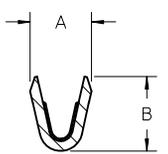
W = PLATING  
 (0 = REFLOWED MATTE TIN)

X - CRIMP SIZE  
 (1 = 22-24 AWG, (UL1007) INSUL / .062" PCB)  
 (2 = 26-28 AWG, (UL1007) INSUL / .062" PCB)

YZ = NOT USED  
 (00)



- NOTES:
- MATERIAL: BRASS
  - FINISH:  
RMT = OVERALL REFLOWED MATTE TIN, 0.00152 mm / .000060 inches MIN OVER 0.00127 mm / .000050 inches MIN NICKEL, OVERALL
  - PRODUCT SPECIFICATION: PS-172249-001
  - PACKAGING INFORMATION: PK-172677-001 (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.
  - INSULATION DIAMETER RANGES AND MAX PCB THICKNESS SHOWN ARE GUIDELINES TO PRODUCE 0.50mm / (0.020 inches) OR MORE SOLDER-TAIL PROTRUSION.
  - CRIMPING PROCESS CAUSES TERMINAL GROWTH OF APPROXIMATELY 1.0mm / (0.04 inches).
  - INCLUDING TERMINAL GROWTH AND WIRE BRUSH LENGTH.



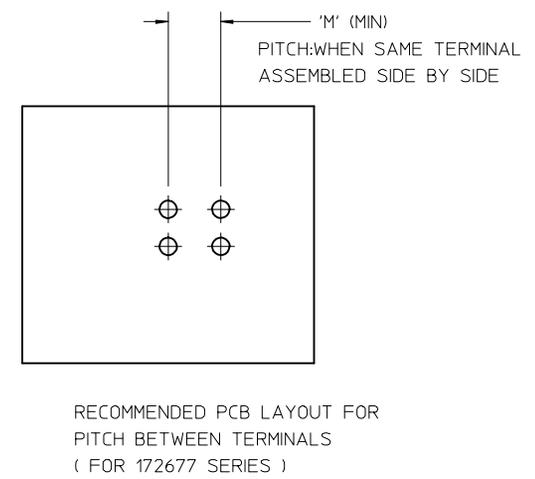
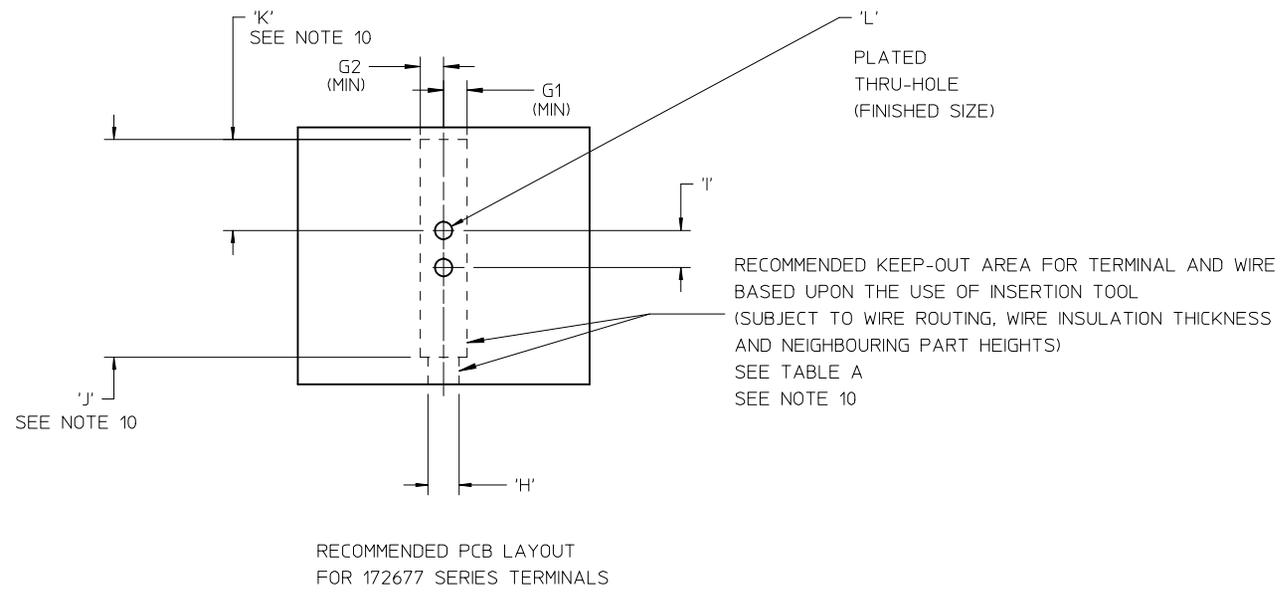
SECTION V-V  
CONDUCTOR CRIMP

SECTION W-W  
INSULATION CRIMP

KEEP OUT AREA DIMS CHANGED EC NO: UCP2015-0803 DRWN:SS06 CHKD: APPR:RHODGE	2014/08/25 2014/09/12	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			▽/0	mm INCH	MM ONLY	10:1	METRIC	☉	
			▽/0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	22-28 AWG SOLDER RIGHT TERMINAL <b>molex</b>		
			▽/0	3 PLACES ± --- ± ---	GES 2014/06/26	SEE CHART			
▽/0	2 PLACES ± 0.25 ± ---	CHECKED BY DATE	APPROVED BY DATE	SD-172677-001	SHEET NO.				
▽/0	1 PLACE ± 0.35 ± ---	RHODGE 2014/07/09	MATERIAL NO.	1 OF 2					
▽/0	0 PLACE ± --- ± ---		DOCUMENT NO.						
ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

TABLE A

MATERIAL NUMBER	KEEP OUT ZONE 1: WHEN THE NEIGHBOUR PARTS HEIGHT IS LESS THAN 4.0MM		KEEP OUT ZONE 2: WHEN THE NEIGHBOUR PARTS HEIGHT IS MORE THAN 4.0 MM AND LESS THAN 30.0 MM							PITCH: WHEN SAME TERMINAL ASSEMBLED SIDE BY SIDE
	G1	G2	G1	G2	H	I ±0.08	J	K	L ∅±0.05	'M' (MIN)
172677-0100	2.50	4.25	4.70	7.90	3.10	1.90	10.00	4.65	0.90	4.70
172677-0200	2.50	4.00	4.70	7.85	2.80	1.90	10.00	4.65	0.90	4.40



KEEP OUT AREA DIMS CHANGED EC NO: UCP2015-0803 DRAWN: SS06 CHKD: APPR: RHODGE 2014/08/25 2014/09/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	⊙
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE <b>22-28 AWG                  SOLDER RIGHT TERMINAL</b>		
	▽=0	3 PLACES ± --- ± ---	GES 2014/06/26			
	2 PLACES ± 0.25 ± ---	CHECKED BY DATE	APPROVED BY DATE RHODGE 2014/07/09			
	1 PLACE ± 0.35 ± ---					
	0 PLACE ± --- ± ---	MATERIAL NO.	DOCUMENT NO.			SHEET NO.
	ANGULAR ± 1/2°	SEE CHART	SD-172677-001			2 OF 2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			