

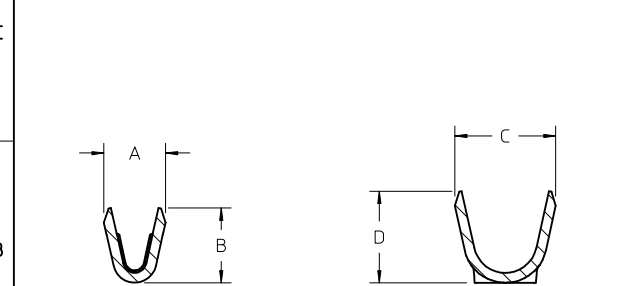
10	9		8	7	6	5	4			3	2		1
MATERIAL NUMBER	MATERIAL	PLATING	COND SIZE	INS DIA RANGE (SEE NOTE 8)	MAX PCB THICKNESS (SEE NOTE 8)	A	B	C	D	E	F		
172677-0100	BRASS	RMT	22-24 AWG	1.40-1.60 (UL 1007)	1.57 / .062"	1.80	1.65	2.75	2.19	4.13	7.87		
172677-0200	BRASS	RMT	26-28 AWG	1.20-1.30 (UL 1007)	1.57 / .062"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

LEGEND: 172677-WXYZ

W = PLATING
(0 = REFLOWED MATTE TIN)

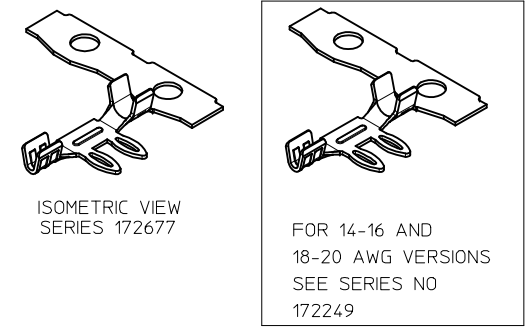
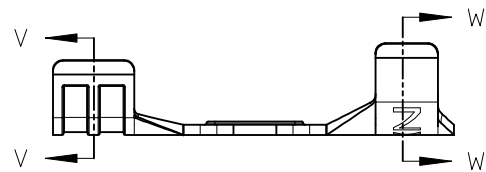
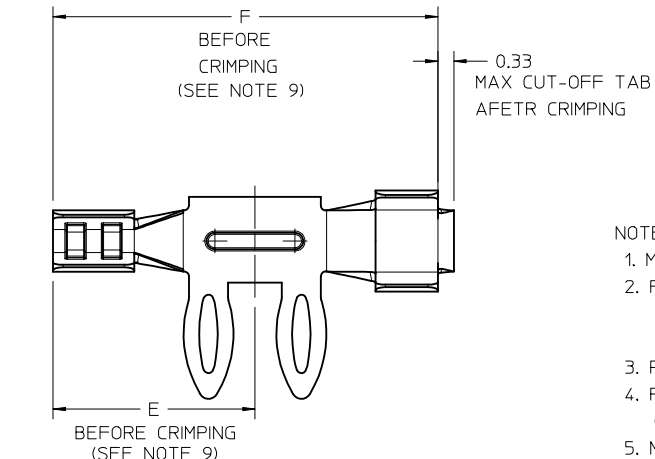
X = CRIMP SIZE
(1 = 22-24 AWG, (UL1007) INSUL / .062" PCB)
(2 = 26-28 AWG, (UL1007) INSUL / .062" PCB)

YZ = NOT USED
(00)



SECTION V-V
CONDUCTOR CRIMP

SECTION W-W
INSULATION CRIMP

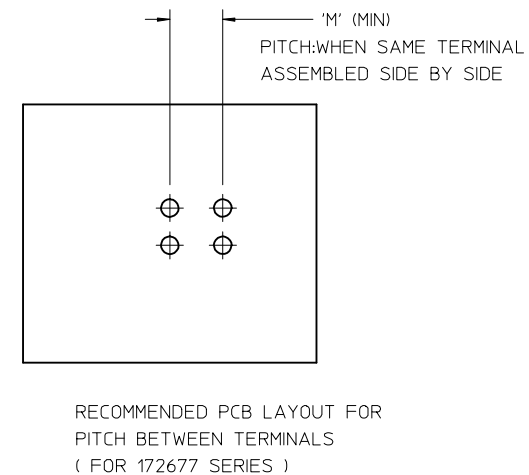
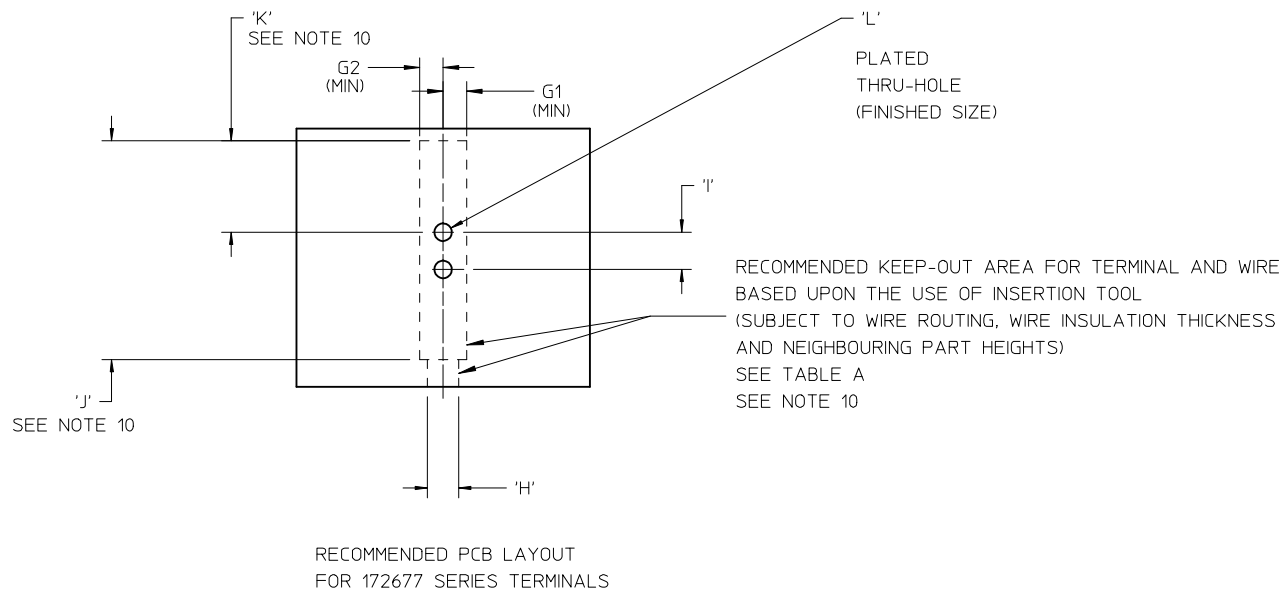


- NOTES:
1. MATERIAL: BRASS
 2. FINISH:
RMT = OVERALL REFLOWED MATTE TIN, 0.00152 mm / .000060 inches MIN
OVER 0.00127 mm / .000050 inches MIN NICKEL, OVERALL
 3. PRODUCT SPECIFICATION: PS-172249-001
 4. PACKAGING INFORMATION: PK-172677-001
(24" CARDBOARD REEL)
 5. MATES WITH: N/A (FOR SOLDERING TO PCB)
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. TERMINAL DESIGNED FOR THRU-HOLE SOLDERING, NOT FOR PRESS-FIT. INTERFERENCE FIT PROVIDES RETENTION OF TERMINAL TO BOARD DURING SOLDERING ONLY.
 8. INSULATION DIAMETER RANGES AND MAX PCB THICKNESS SHOWN ARE GUIDELINES TO PRODUCE 0.50mm / (0.020 inches) OR MORE SOLDER-TAIL PROTRUSION.
 9. CRIMPING PROCESS CAUSES TERMINAL GROWTH OF APPROXIMATELY 1.0mm / (0.04 inches).
 10. INCLUDING TERMINAL GROWTH AND WIRE BRUSH LENGTH.

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