

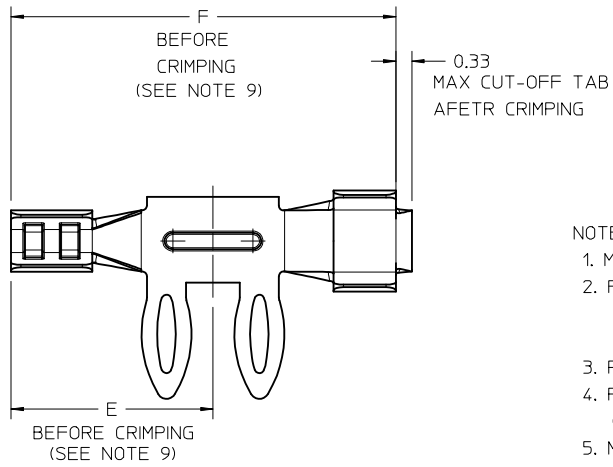
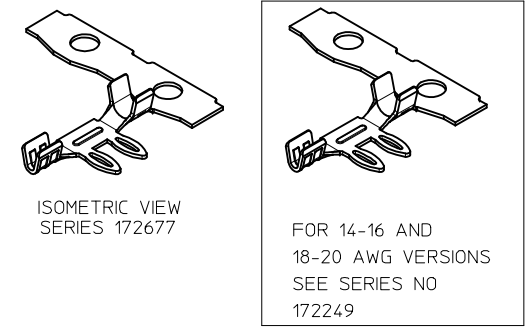
10	9	8	7	6	5	4	3	2	1		
MATERIAL NUMBER	MATERIAL	PLATING	COND SIZE	INS DIA RANGE (SEE NOTE 8)	MAX PCB THICKNESS (SEE NOTE 8)	A	B	C	D	E	F
172677-0100	BRASS	RMT	22-24 AWG	1.40-1.60 (UL 1007)	1.57 / .062"	1.80	1.65	2.75	2.19	4.13	7.87
172677-0200	BRASS	RMT	26-28 AWG	1.20-1.30 (UL 1007)	1.57 / .062"	1.26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

LEGEND: 172677-WXYZ

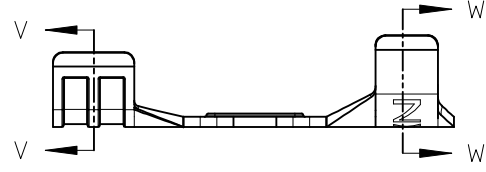
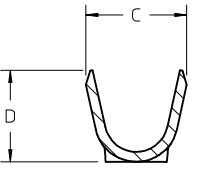
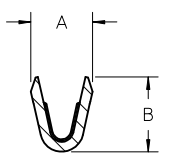
W = PLATING
 (0 = REFLOWED MATTE TIN)
 X - CRIMP SIZE
 (1 = 22-24 AWG, (UL1007) INSUL / .062" PCB)
 (2 = 26-28 AWG, (UL1007) INSUL / .062" PCB)

YZ = NOT USED
 (00)

LEGEND: 172677-WXYZ



- NOTES:
- MATERIAL: COPPER ALLOY
 - 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.



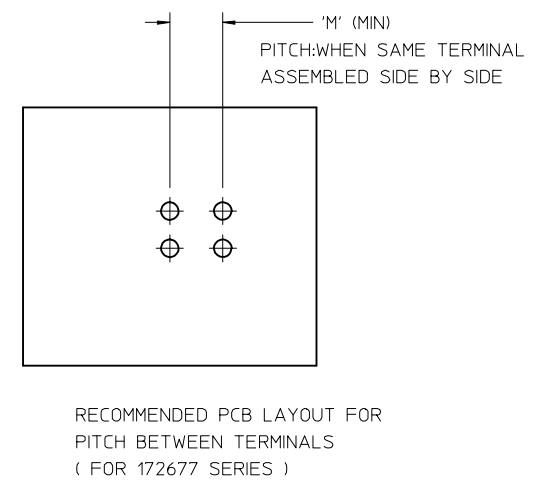
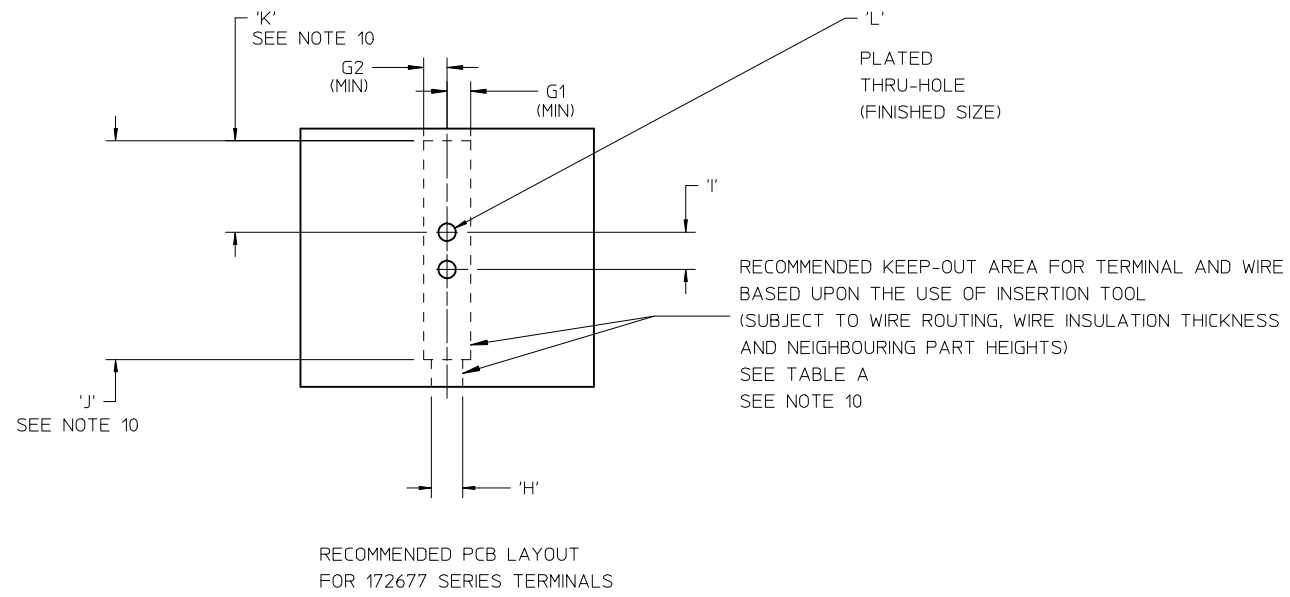
SECTION V-V
CONDUCTOR CRIMP

SECTION W-W
INSULATION CRIMP

KEEP OUT AREA DIMS CHANGED	EC NO: UCP2015-2785	QUALITY SYMBOLS ▽/0 ▽/0 ▽/0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRWN: SNAGARAVENKA 2015/08/14		4 PLACES ± --- ± ---	mm	INCH	DRAWN BY GES	DATE 2014/06/26	TITLE 22-28 AWG SOLDER RIGHT TERMINAL	
	CHKD: SHWARG 2015/08/14		3 PLACES ± --- ± ---			CHECKED BY	DATE		
	APPR: KPRASAD 2015/09/02		2 PLACES ± 0.25 ± ---			APPROVED BY RHODGE	DATE 2014/07/09		
			1 PLACE ± 0.35 ± ---			MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	0 PLACE ± --- ± ---			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-172677-001	1 OF 2	
						SIZE B	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



RECOMMENDED PCB LAYOUT FOR 172677 SERIES TERMINALS

RECOMMENDED PCB LAYOUT FOR PITCH BETWEEN TERMINALS (FOR 172677 SERIES)

KEEP OUT AREA DIMS CHANGED EC NO: UCP2015-2785 DRWN:SNAGARAVENKA 2015/08/14 CHKD:SHWARG 2015/08/14 APPR:KPRASAD 2015/09/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- INCH	DRAWN BY GES	DATE 2014/06/26	TITLE 22-28 AWG SOLDER RIGHT TERMINAL		
	▽=0	3 PLACES ± ---	CHECKED BY	DATE			
	▽=0	2 PLACES ± 0.25	APPROVED BY RHODGE	DATE 2014/07/09	molex DOCUMENT NO. SD-172677-001 SHEET NO. 2 OF 2		
	▽=0	1 PLACE ± 0.35	MATERIAL NO. SEE CHART				
▽=0	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			