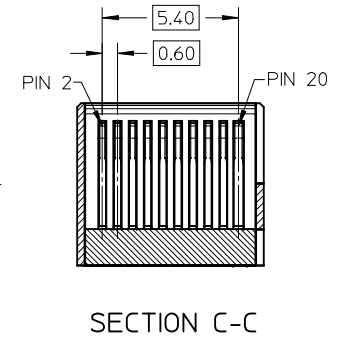
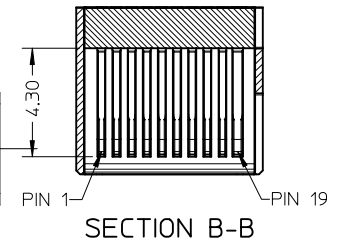
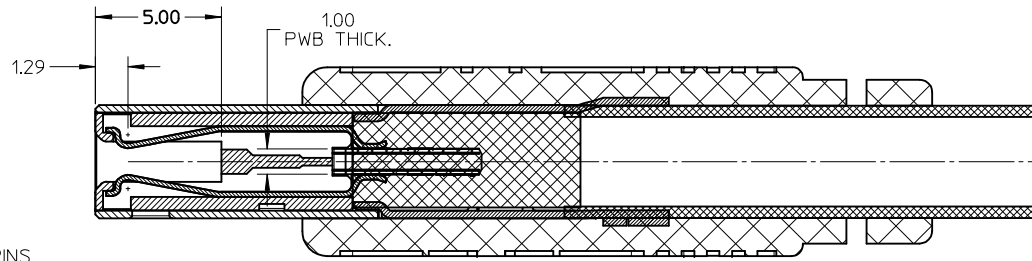
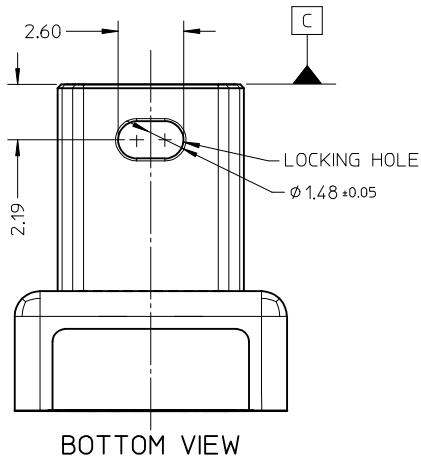
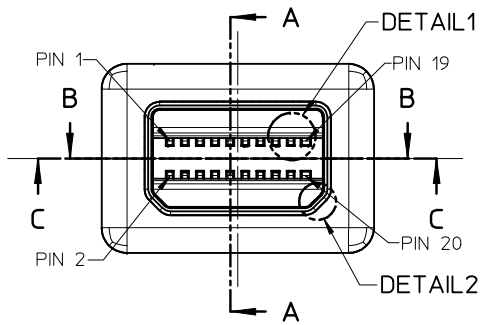
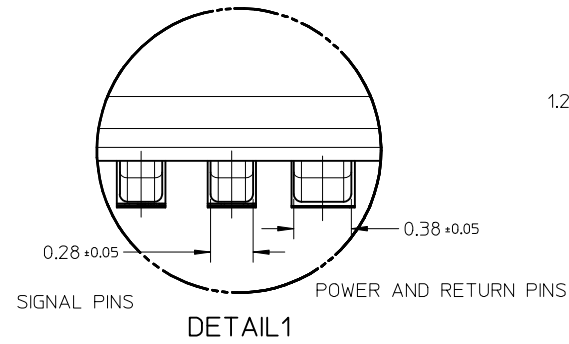
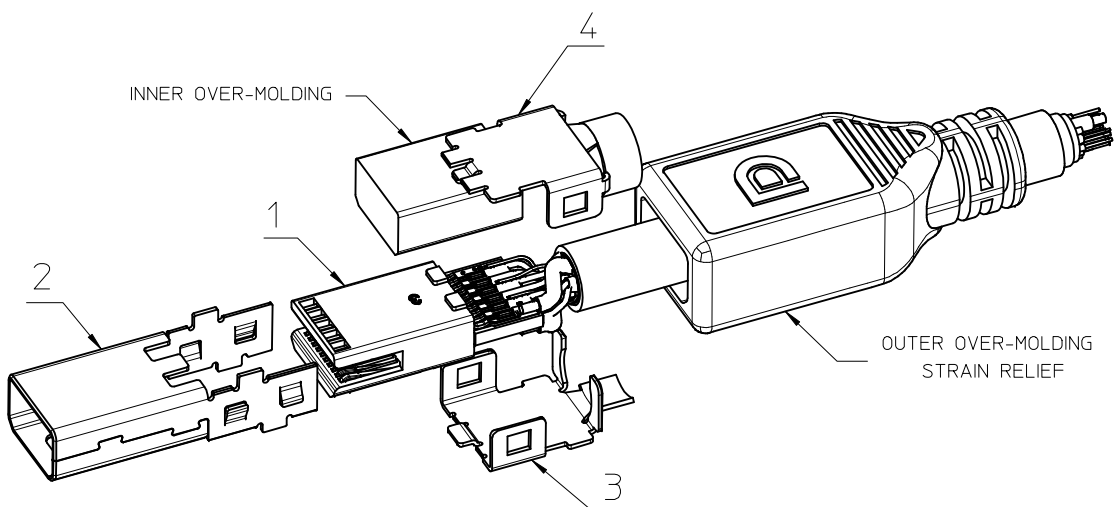
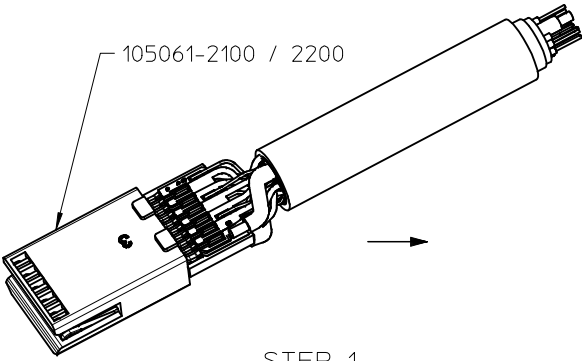


NEW PRODUCT EC NO: SH2010-0088 DRAWN BY: DRW/KCWEI CHECKED BY: CHY/KRZHANG APPR: XJ SONG REV: B	2009/09/14 2009/09/14 2009/09/14 2009/09/14	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY	DATE	TITLE MINI DISPLAY PORT PLUG		
				4 PLACES	± ---	± ---	KLAUS WEI	2008/03/31			
				3 PLACES	± ---	± ---	CHECKED BY	DATE			
				2 PLACES	± 0.25	± ---	ROST ZHANG	2008/03/31	MOLEX INCORPORATED		
				1 PLACE	± 0.30	± ---	APPROVED BY	DATE			
				ANGULAR ± -- °		HARVEY WANG	2008/03/31				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
						SEE SHEET 2		SD-105061-200			1 OF 7
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

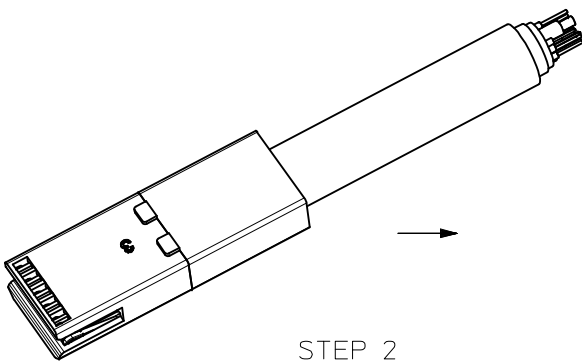
	10	9	8	7	6	5	4	3	2	1																																																																										
	TOP ROW			BOTTOM ROW			ITEM		PART NAME		PART NUMBER	QTY'S																																																																								
	PIN NUMBER	SIGNAL TYPE	PIN NAME	PIN NUMBER	SIGNAL TYPE	PIN NAME																																																																														
F	1	GND	GND	2	IN	HOT PLUG DETECT	1		SUB-ASSEMBLY	WHITE	105061-2200	1																																																																								
	3	OUT	ML_LANE 0(p)	4	CONFIG	CONFIG 1				BLACK	105061-2100																																																																									
	5	OUT	ML_LANE 0(n)	6	CONFIG	CONFIG 2	2		MAIN-SHELL		105061-0005	1																																																																								
	7	GND	GND	8	GND	GND	3		BOTTOM SHELL		105061-0006	1																																																																								
	9	OUT	ML_LANE 1(p)	10	OUT	ML_LANE 3(p)	4		TOP-SHELL		105061-0007	1																																																																								
	11	OUT	ML_LANE 1(n)	12	OUT	ML_LANE 3(n)																																																																														
E	13	GND	GND	14	GND	GND																																																																														
	15	OUT	ML_LANE 2(p)	16	I/O	AUX_CH(p)																																																																														
	17	OUT	ML_LANE 2(n)	18	I/O	AUX_CH(n)																																																																														
	19	RTN	RETURN	20	POWER OUT	DP_PWR																																																																														
D	NOTES: 1. MATERIAL: 1.1. PLASTIC: HIGH TEMPERATURE THERMOPLASTICS. 1.2. TERMINAL: PHOSPHOR BRONZE. 1.3. SHIELD SHELL: COPPER ALLOY. 1.4. OTHER SHELL: COPPER ALLOY. 2. PLATING: 2.1. TERMINAL: 2.1.1. UNDERPLATING: NICKEL 1.30 MICROMETER MIN. 2.1.2. CONTACT AREA: GOLD 0.76 MICROMETER MIN. 2.1.3. SOLDER AREA: GOLD FLASH. 2.2. METAL SHELL: NICKEL 1.30 MICROMETER MIN. 3. MECHANICAL PROPERTIES: 3.1. TERMINAL RETENTION FORCE: 0.5 Kgf MIN. 3.2. MATING FORCE: 4.0 Kgf MAX. 3.3. NORMAL FORCE: 25gf MIN. 3.4. DURABILITY: 1500 CYCLES. 4. ELECTRICAL PROPERTIES: 4.1. APPLIED VOLTAGE RATING: 30V AC (RMS) 4.2. CONTACT CURRENT RATING: 0.5 Amp 4.3. DIELECTRIC WITHSTANDING: 200V AC MIN. 4.4. INSULATION RESISTANCE: 100 Megaohm MIN. 5. ENVIRONMENTAL PROPERTIES: 5.1. OPERATING TEMPERATURE: -20°C TO 85°C. 5.2. BE APPLICABLE TO HANDWORK SOLDER & IR-REFLOW PROCESS. 6. THIS PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC, AND ELV DIRECTIVE 2000/53/EC.																																																																																			
C																																																																																				
B	NOTES: OVER-MOLDING ONLY FOR REFERENCE																																																																																			
A	<table><tr><td rowspan="11">NEW PRODUCT EC NO: SH2010-0088 DRWN:KWEI CHKD:RZHANG APPR:XJSONG 2009/09/14 2009/09/14 2009/09/14</td><td rowspan="11">DESCRIPTION</td><td rowspan="11">REV</td><td rowspan="11">QUALITY SYMBOLS ▽=0 ◻=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE</td><td>SCALE</td><td>DESIGN UNITS</td><td rowspan="8">THIRD ANGLE PROJECTION</td></tr><tr><td rowspan="2">mm</td><td rowspan="2">INCH</td><td colspan="2">MM ONLY</td><td rowspan="2">N/A</td><td rowspan="2">METRIC</td></tr><tr><td>DRAWN BY</td><td>DATE</td><td colspan="2">TITLE</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>KLAUS WEI</td><td>2008/03/31</td><td colspan="2">MINI DISPLAY PORT PLUG</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY</td><td>DATE</td><td colspan="2"></td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td><td>ROST ZHANG</td><td>2008/03/31</td><td colspan="2"></td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td>APPROVED BY</td><td>DATE</td><td colspan="2"></td></tr><tr><td colspan="2">ANGULAR ± ---°</td><td>HARVEY WANG</td><td>2008/03/31</td><td colspan="2"></td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td></tr><tr><td colspan="2">SIZE</td><td colspan="2">SEE TABLE</td><td colspan="2">SD-105061-200</td></tr><tr><td colspan="2">A3</td><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td colspan="2">SHEET NO. 2 OF 7</td></tr></table>											NEW PRODUCT EC NO: SH2010-0088 DRWN:KWEI CHKD:RZHANG APPR:XJSONG 2009/09/14 2009/09/14 2009/09/14	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	mm	INCH	MM ONLY		N/A	METRIC	DRAWN BY	DATE	TITLE		4 PLACES	± ---	± ---	KLAUS WEI	2008/03/31	MINI DISPLAY PORT PLUG		3 PLACES	± ---	± ---	CHECKED BY	DATE			2 PLACES	± ---	± ---	ROST ZHANG	2008/03/31			1 PLACE	± ---	± ---	APPROVED BY	DATE			ANGULAR ± ---°		HARVEY WANG	2008/03/31			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SIZE		SEE TABLE		SD-105061-200		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 7	
NEW PRODUCT EC NO: SH2010-0088 DRWN:KWEI CHKD:RZHANG APPR:XJSONG 2009/09/14 2009/09/14 2009/09/14	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																																																																										
				mm	INCH	MM ONLY		N/A	METRIC																																																																											
						DRAWN BY	DATE				TITLE																																																																									
				4 PLACES	± ---	± ---	KLAUS WEI	2008/03/31	MINI DISPLAY PORT PLUG																																																																											
				3 PLACES	± ---	± ---	CHECKED BY	DATE																																																																												
				2 PLACES	± ---	± ---	ROST ZHANG	2008/03/31																																																																												
				1 PLACE	± ---	± ---	APPROVED BY	DATE																																																																												
				ANGULAR ± ---°		HARVEY WANG	2008/03/31																																																																													
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.																																																																												
				SIZE		SEE TABLE		SD-105061-200																																																																												
				A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 7																																																																												
	10	9	8	7	6	5	4	3	2	1																																																																										

10 9 8 7 6 5 4 3 2 1

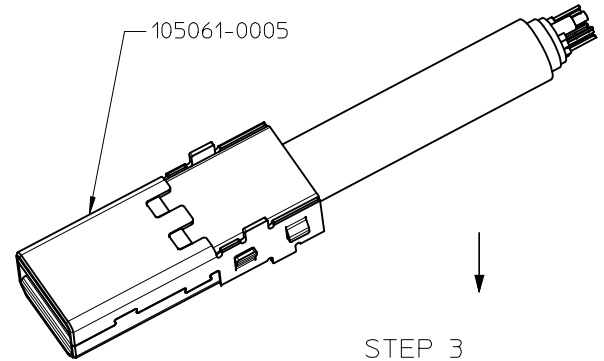
ASSEMBLY PROCEDURE



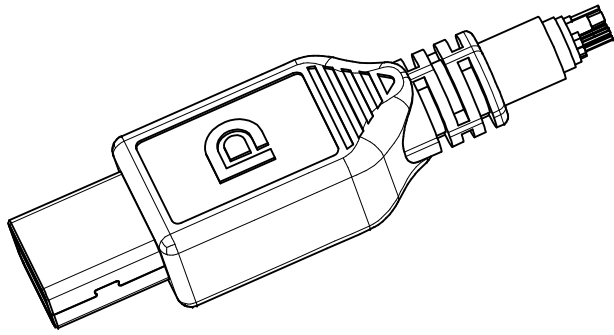
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SOLDER WIRE



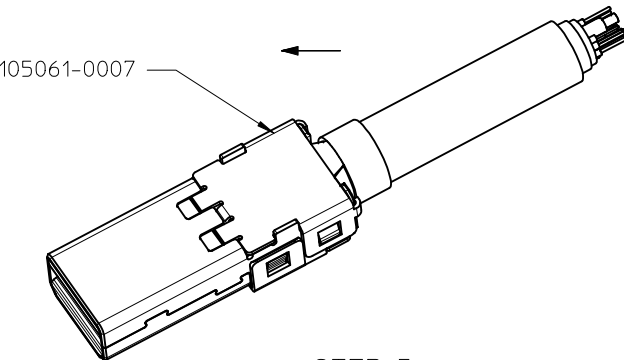
STEP 2
INNER OVER-MOLDING



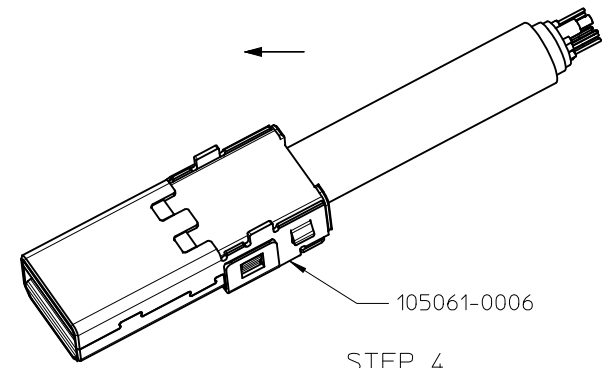
STEP 3
ASSEMBLE MAIN SHELL



STEP 6
OUTER OVER-MOLDING



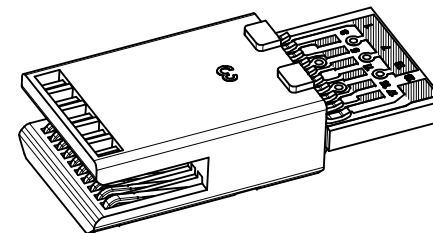
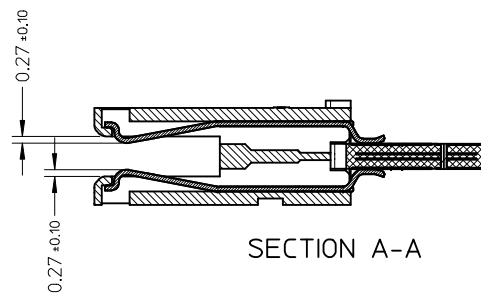
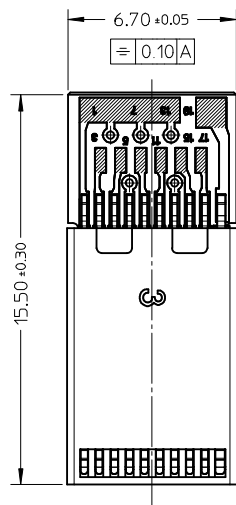
STEP 5
ASSEMBLE TOP SHELL AND CRIMPING



STEP 4
ASSEMBLE BOTTOM SHELL

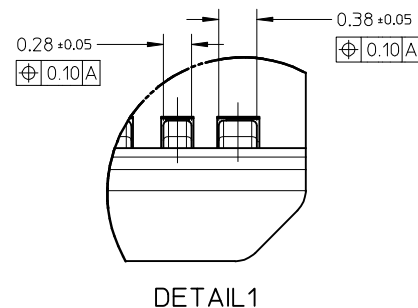
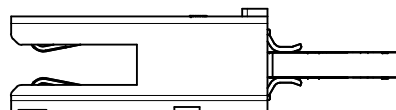
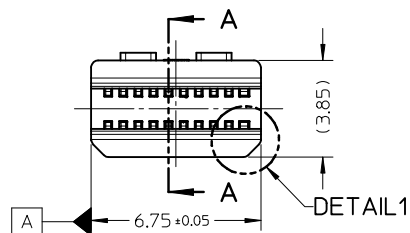
NEW PRODUCT EC NO: SH2010-0088 DRW:KWEI CHK:RZHANG APP:XSJONG REV B	DESCRIPTION 2009/09/14 2009/09/14 2009/09/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE N/A	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY KLAUS WEI	DATE 2008/03/31	TITLE MINI DISPLAY PORT PLUG						
			4 PLACES	± ---	± ---	CHECKED BY ROST ZHANG	DATE 2008/03/31							
			3 PLACES	± ---	± ---	APPROVED BY HARVEY WANG	DATE 2008/03/31							
			2 PLACES	± ---	± ---	MATERIAL NO. SEE ABOVE							DOCUMENT NO. SD-105061-200	
			1 PLACE	± ---	± ---									
			ANGULAR ± ---°											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10 9 8 7 6 5 4 3 2 1



NOTES:

1. MATERIAL:
PLASTIC: LCP ,UL94V-0 .
METAL: COPPER OR COPPER ALLOY.
2. PACKAGING SPECIFICATION : PK-105061-001.
3. PRODUCT SPECIFICATION: PS-105061-001.



NEW PRODUCT	EC NO: SH2010-0088	2009/09/14
	DRW:KWEI	2009/09/14
	CHK:RZHANG	2009/09/14
	APP:XSJONG	2009/09/21
B	REV	DESCRIPTION

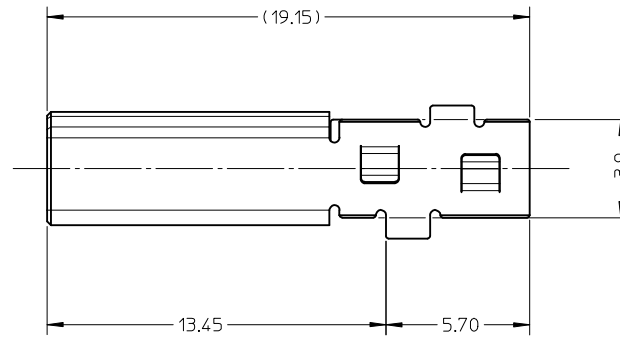
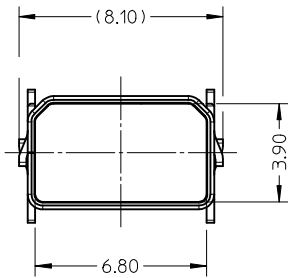
QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES	± ---
	3 PLACES	± ---
	2 PLACES	± 0.10
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1 PLACE	± 0.15
	ANGULAR	± ---°

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
KLAUS WEI	2008/03/31
CHECKED BY	DATE
ROST ZHANG	2008/03/31
APPROVED BY	DATE
HARVEY WANG	2008/03/31
105061-2*00	
105061-2*00	
105061-2*00	

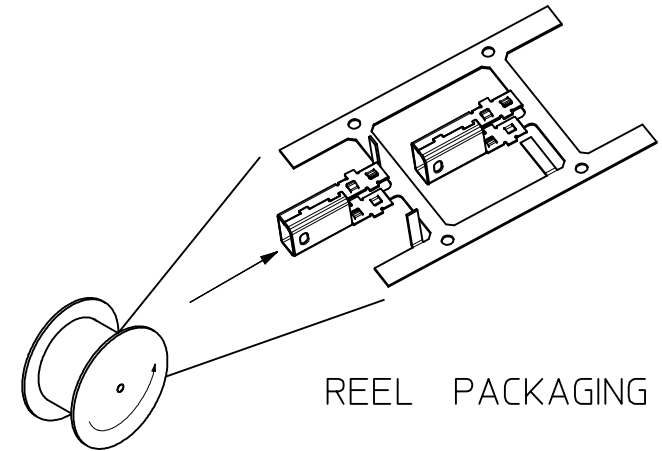
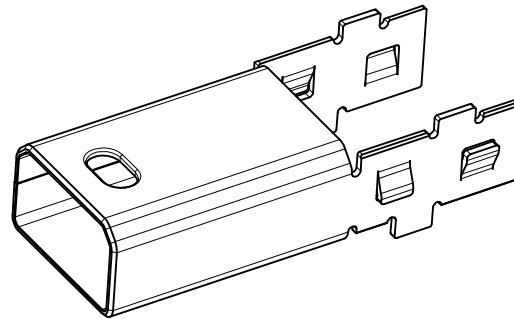
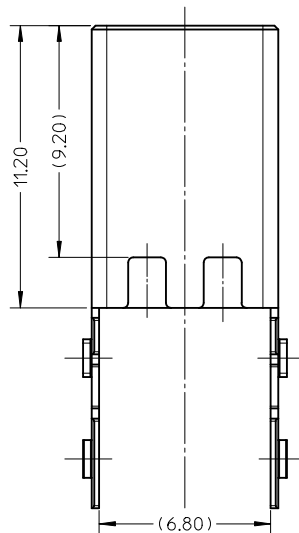
105061-2200	LCP	WHITE
105061-2100	LCP	BLACK
PART NUMBER	RESIN TYPE	COLOR
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
5:1	METRIC	THIRD ANGLE PROJECTION
SUB-ASSEMBLY		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-105061-200	4 OF 7	

9 8 7 6 5 4 3 2 1



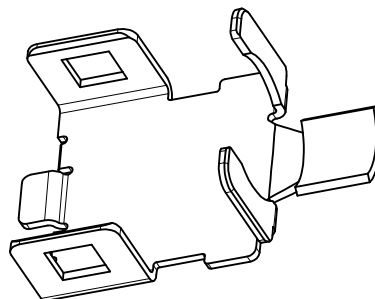
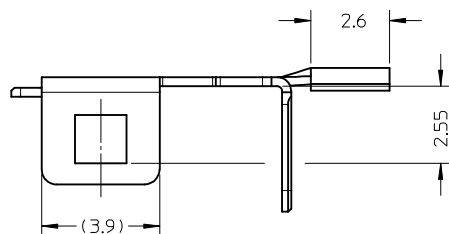
NOTES:

1. MATERIALS: COPPER ALLOY
THICKNESS: 0.30±0.01mm..
2. FINISH: NICKEL 1.30 MICROMETRE MIN.
3. COMPLIANT TO RoHS DIRECTIVE 2002/95/EC
AND ELV DIRECTIVE 2000/53/EC.
4. PACKAGING QUANTITIES : 800 PCS PER REEL.



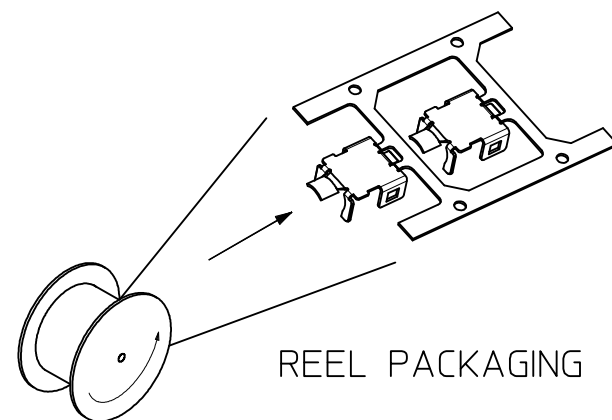
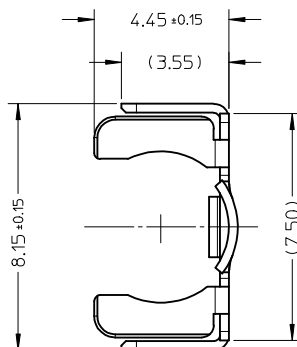
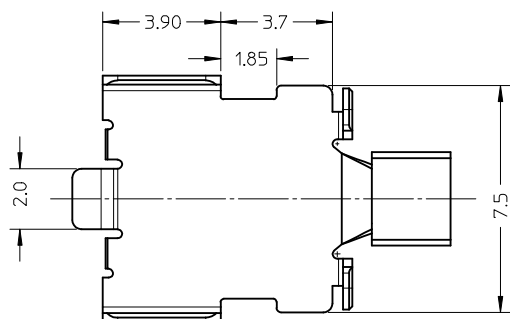
REEL PACKAGING

NEW PRODUCT EC NO: SH2010-0088 DRW:KWEI CHKD:RZHANG APPR:XJ.SONG REV B	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY KLAUS WEI	DATE 2008/03/31	MAIN SHELL				
			4 PLACES	± ---	± ---	CHECKED BY ROST ZHANG	DATE 2008/03/31					
			3 PLACES	± ---	± ---							
			2 PLACES	± 0.10	± ---	APPROVED BY HARVEY WANG	DATE 2008/03/31	MOLEX INCORPORATED				
			1 PLACE	± 0.15	± ---							
			ANGULAR ± ---°			MATERIAL NO. 105061-0005		DOCUMENT NO. SD-105061-200		SHEET NO. 5 OF 7		
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									



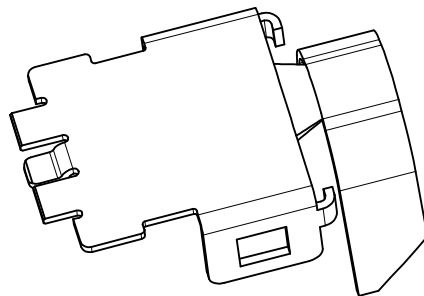
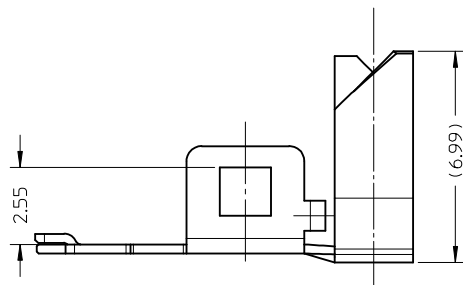
NOTES:

1. MATERIALS: COPPER ALLOY.
THICKNESS: 0.30±0.01mm.
2. FINISH: NICKEL 1.30 MICROMETRE MIN.
3. COMPLIANT TO RoHS DIRECTIVE 2002/95/EC
AND ELV DIRECTIVE 2000/53/EC.
4. PACKAGING QUANTITIES : 1500 PCS PER REEL.



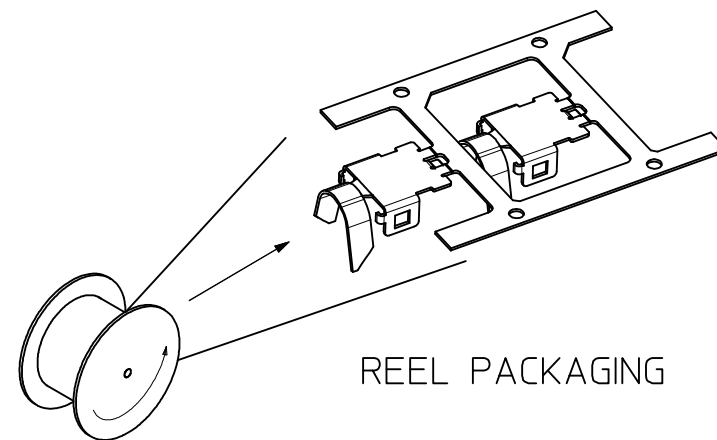
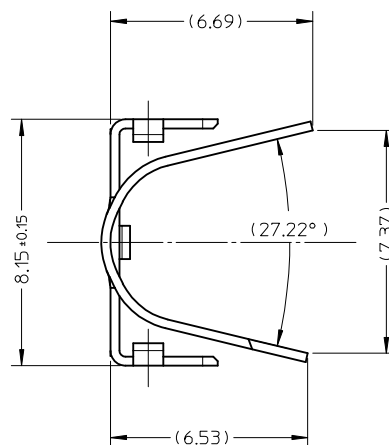
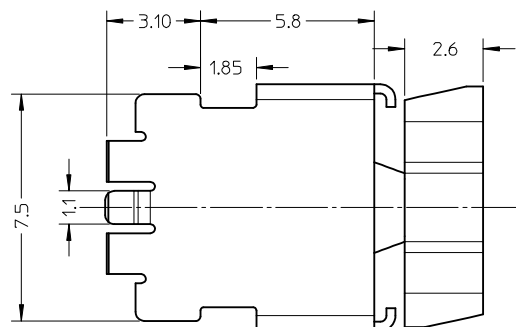
REEL PACKAGING

NEW PRODUCT EC NO: SH2010-0088 DRAWN BY: DRWKKWEI CHK'D BY: RZHANG APPR: XJ.SONG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY KLAUS WEI	DATE 2008/03/31	TITLE BOTTOM SHELL				
			4 PLACES	± ---	± ---	CHECKED BY ROST ZHANG	DATE 2008/03/31						
			3 PLACES	± ---	± ---	APPROVED BY HARVEY WANG			DATE 2008/03/31			molex MOLEX INCORPORATED	
			2 PLACES	± 0.10	± ---								
			1 PLACE	± 0.15	± ---	MATERIAL NO. 105061-0006		DOCUMENT NO. SD-105061-200		SHEET NO. 6 OF 7			
			ANGULAR ± ---°										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



NOTES:

1. MATERIALS: COPPER ALLOY.
THICKNESS: 0.30±0.01mm.
2. FINISH: NICKEL 1.30 MICROMETRE MIN.
3. COMPLIANT TO RoHS DIRECTIVE 2002/95/EC
AND ELV DIRECTIVE 2000/53/EC.
4. PACKAGING QUANTITIES : 1500 PCS PER REEL.



REEL PACKAGING

NEW PRODUCT EC NO: SH2010-0088 DRW:KWEI CHKD:RZHANG APPR:XJ.SONG REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ⊥=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY KLAUS WEI	DATE 2008/03/31	TITLE TOP SHELL			
		4 PLACES	± ---	± ---	CHECKED BY ROST ZHANG	DATE 2008/03/31				
		3 PLACES	± ---	± ---	APPROVED BY HARVEY WANG		DATE 2008/03/31		MOLEX MOLEX INCORPORATED	
		2 PLACES	± 0.10	± ---						
		1 PLACE	± 0.15	± ---	MATERIAL NO. 105061-0007		DOCUMENT NO. SD-105061-200			
		ANGULAR ± ---°								
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							