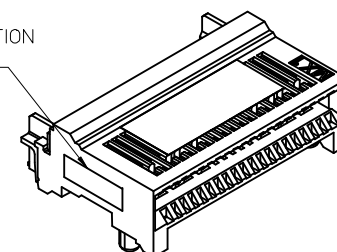


SECTION Z-Z  
SCALE 5:1

DATE CODE LOCATION  
SEE NOTE 6



# NOTES

## 1. MATERIAL:

HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED,  
UL 94V-0, BLACK  
TERMINALS - COPPER ALLOY

## 2. PLATING:

CONTACT AREA - 0.38 µm MIN GOLD OVER 2.54 µm MIN NICKEL  
SOLDER FOOT AREA - 2.54 - 5.09 µm TIN OVER 2.54 µm MIN NICKEL.

## 3. PLATING:

CONTACT AREA - 0.76 µm MIN GOLD OVER 2.54 µm NICKEL  
SOLDER AREA - 2.54 - 5.09 µm TIN OVER 2.54 µm MIN NICKEL

## 4. PLATING:

CONTACT AREA - 0.76 µm MIN GOLD OVER 2.54 µm NICKEL;  
SOLDER AREA: GOLD FLASH OVER 2.54 µm MIN NICKEL.

## 5. TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.10/0.04 MEASURED FROM FRONT HOUSING STAND OFF (DATUM E)

## 6. DATE CODE: 4 DIGIT (3 DIGIT DATE, 1 DIGIT YEAR)


## 7. CIRCUIT IDENTIFIER: SEE APPROPRIATE INDUSTRY SPECIFICATION FOR LOCATION OF PIN 1

## 8. PACKAGED PER PACKAGING SPECIFICATION: PK-170432-900

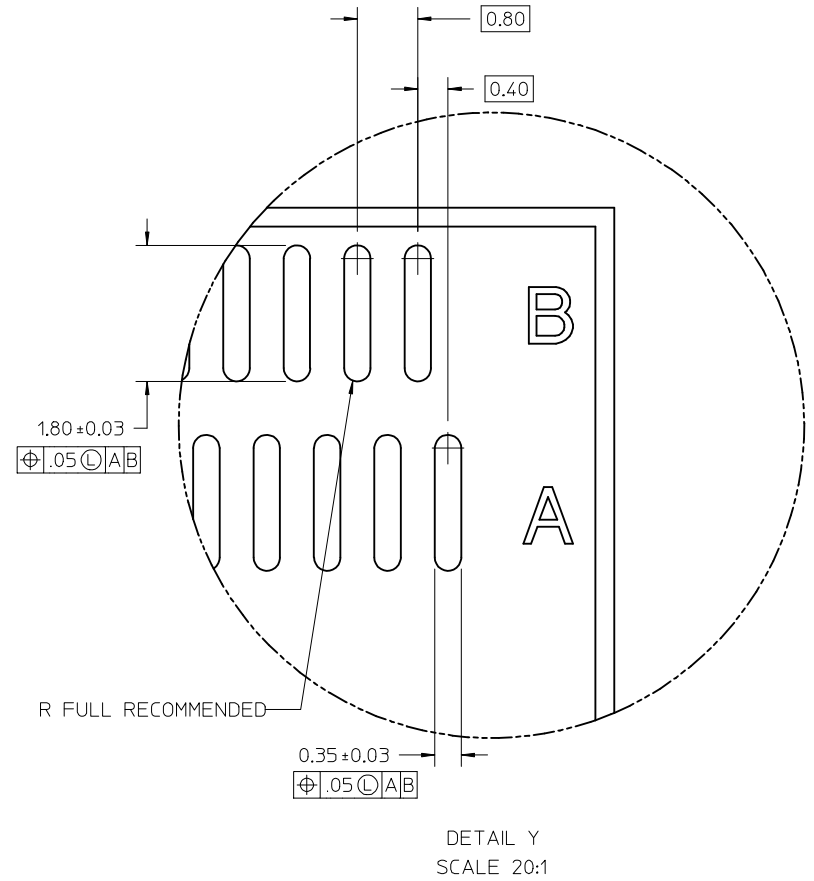
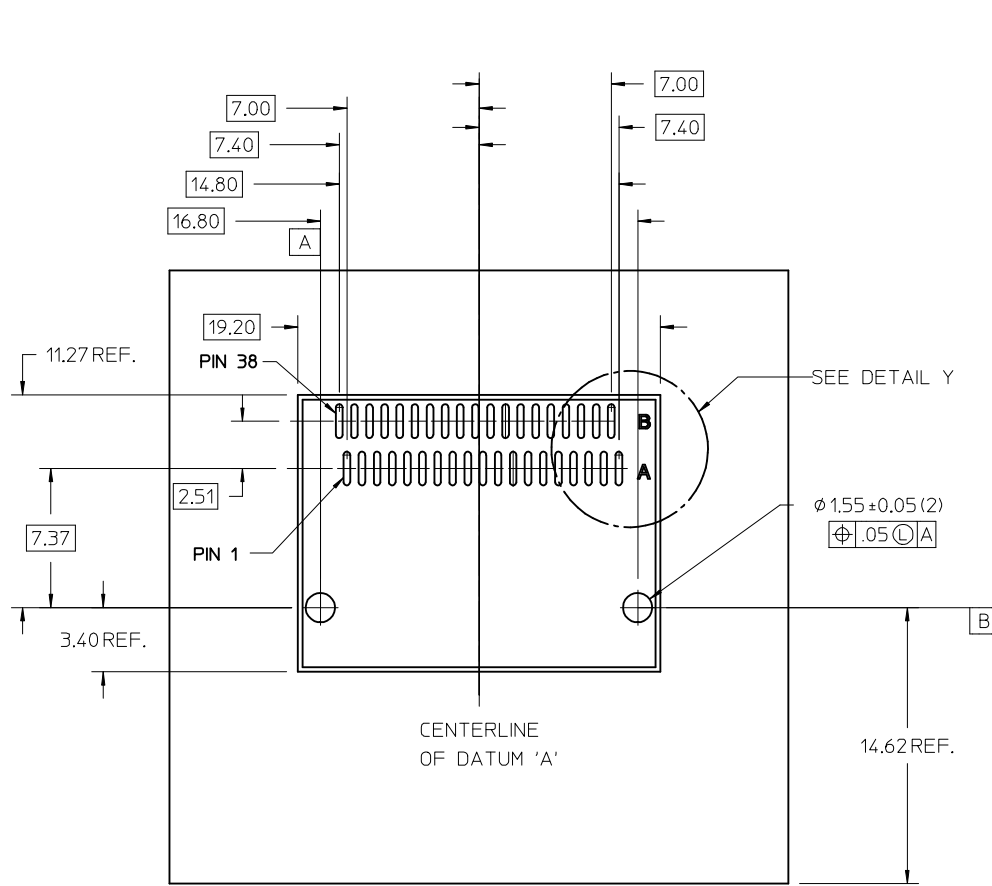
## 9. CONFORMS TO PRODUCT SPECIFICATION: PS-170432-001


## 10. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

PART NUMBER	DESCRIPTION
170432-0001	PLATED PER NOTE 2
170432-0002	PLATED PER NOTE 3
170432-0003	PLATED PER NOTE 4

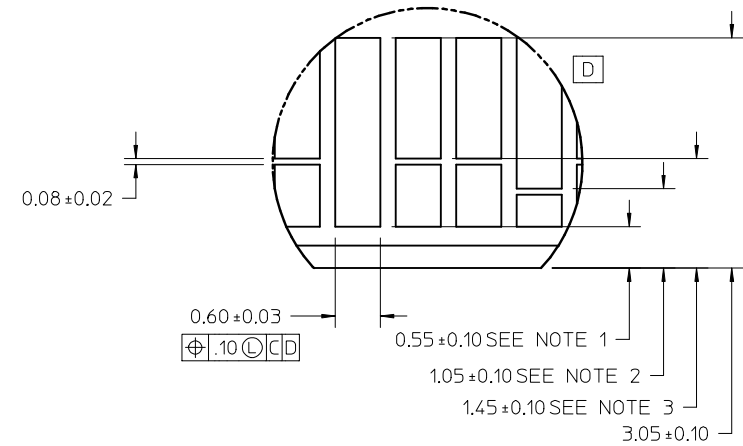
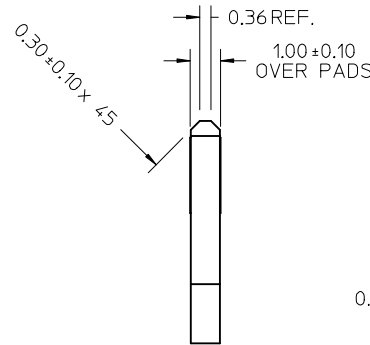
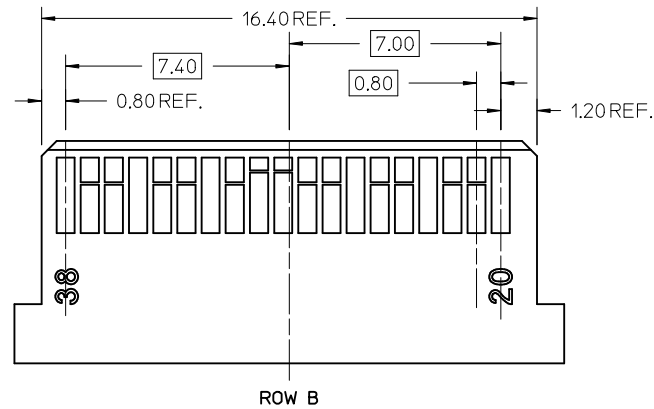
REVISED EC NO: UCP2013-1845 DRWN: JANTELEZ10 2012/11/07 CHKD: APPR: MBANAKIS 2012/11/12 REV A	DESCRIPTION	QUALITY SYMBOLS  ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY DATE JGONZALEZ01 2010/05/06	TITLE ASSEMBLY ZQSFP+ 38 CIRCUIT			
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY DATE JJANTELEZ10 2010/05/06					
			2 PLACES ± 0.25 ± ---	1 PLACE ± 0.38 ± ---		APPROVED BY DATE MBANAKIS 2011/11/04	MOLEX MOLEX INCORPORATED			
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-170432-002		
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

# MOTHERBOARD FOOTPRINT RECOMMENDATION



SEE SHEET 1 EC NO: UCP2013-1845 DRAWN: J JANTELEZIO 2012/11/07 CHKD: APPR: MBANAKIS 2012/11/12	DESCRIPTION	QUALITY SYMBOLS <div><div><div>▽=0</div></div><div><div>▽=0</div></div><div><div>▽=0</div></div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	ASSEMBLY ZQSFP+ 38 CIRCUIT		
				mm	INCH	DRAWN BY JGONZALEZ01	DATE 2010/05/06	TITLE				
			4 PLACES	± ---	± ---	CHECKED BY JJANTELEZIO	DATE 2010/05/06					
			3 PLACES	± ---	± ---	APPROVED BY DATE MBANAKIS 2011/11/04			MOLEX MOLEX INCORPORATED			
			2 PLACES	± 0.25	± ---							
			1 PLACE	± 0.38	± ---	DOCUMENT NO.			SHEET NO. 2 OF 3			
			ANGULAR ±1/2°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE SHEET 1			SD-170432-002	
REV A			SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

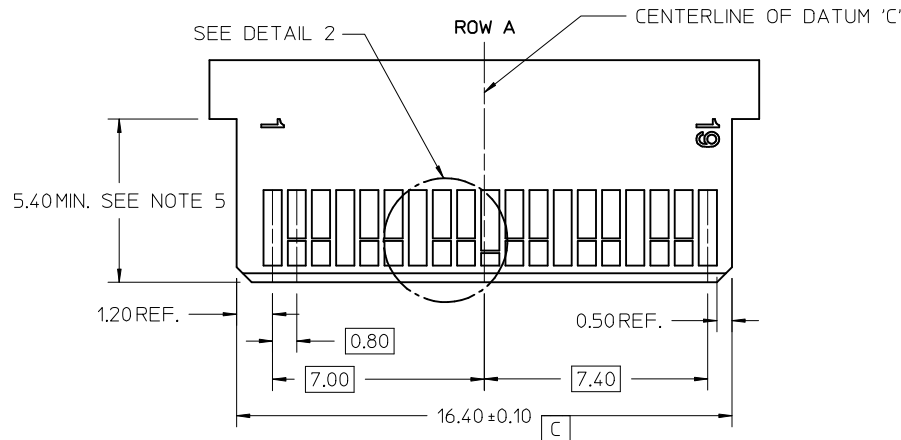
# MODULE BOARD FOOTPRINT RECOMMENDATION





DETAIL 2  
SCALE 20:1

## NOTES:

- PAD CONFIGURATION FOR FIRST MATE.
- PAD CONFIGURATION FOR SECOND MATE.
- PAD CONFIGURATION FOR THIRD MATE (HIGH SPEED SIGNALS).
- FOR PIN ASSIGNMENTS AND MATING SEQUENCE (1ST, 2ND, 3RD). SEE APPLICABLE SPECIFICATION.
- MINIMUM STEP REQUIRED IF PCB MADE WIDER THAN CARD TOUNGE.



SEE SHEET 1 EC NO: UCP2013-1845 DRWN: J JANTELEZIO 2012/11/07 CHKD: MBANAKIS APPR: MBANAKIS 2012/11/12	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY JGONZALEZ01	DATE 2010/05/06	TITLE ASSEMBLY ZQSFP+ 38 CIRCUIT				
			4 PLACES	± ---	± ---	CHECKED BY JJANTELEZIO	DATE 2010/05/06					
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2011/11/04	 MOLEX INCORPORATED			
			2 PLACES	± 0.25	± ---							
			1 PLACE	± 0.38	± ---	ANGULAR ±1/2°		DOCUMENT NO. SD-170432-002			SHEET NO. 3 OF 3	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1						
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								