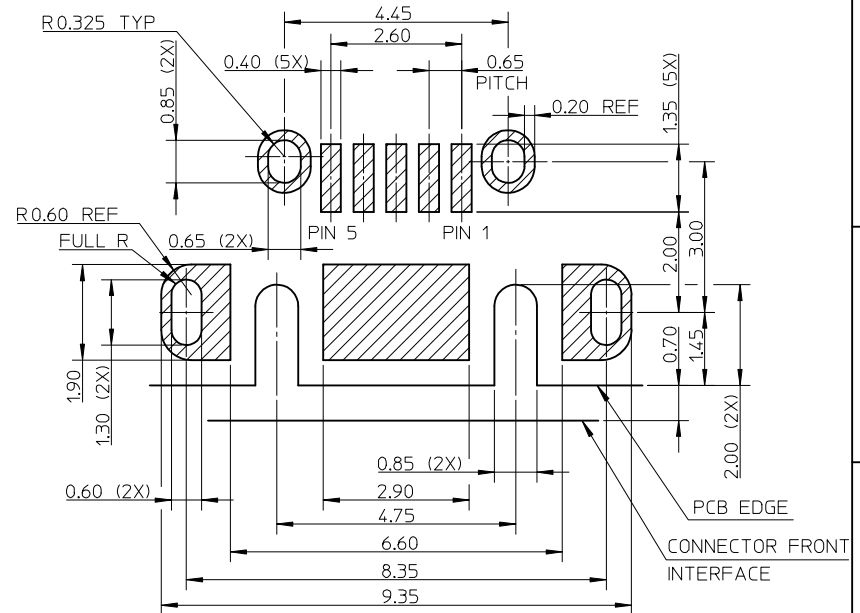
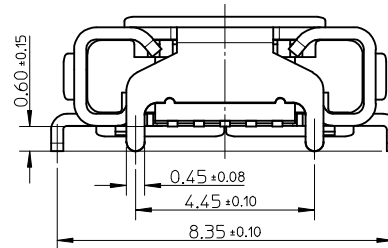
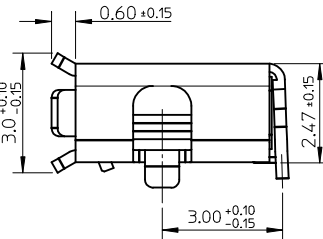
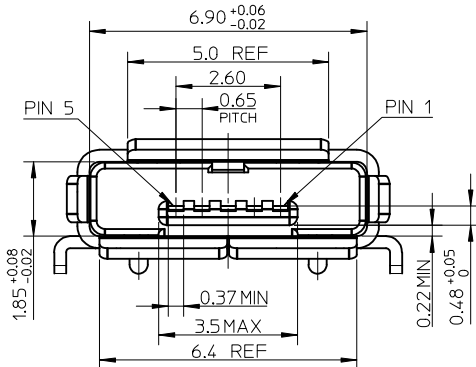
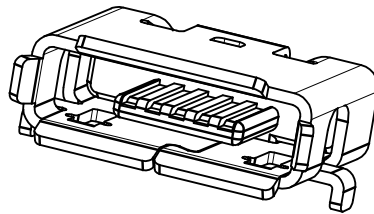
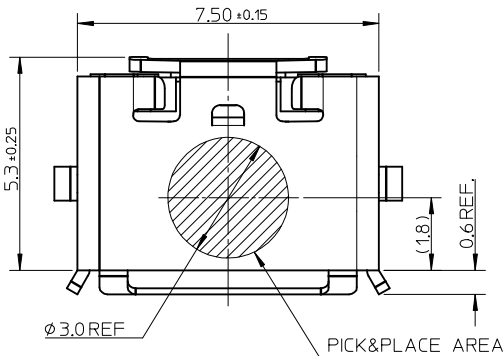


10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B. PATTERN LAYOUT
GENERAL TOLERANCE: ±0.05

NOTES:

1. MATERIAL:

HOUSING: LCP, BLACK, UL94V-0;
TERMINAL: COPPER ALLOY, THICKNESS: 0.15mm
SHELL: STAINLESS STEEL, THICKNESS: 0.30mm

2. PLATING:

TERMINAL: CONTACT AREA: GOLD FLASH (0.11 MICRON MINIMUM)
OVER MINIMUM 0.75 MICRON Pd/Ni.
SOLDER TAIL AREA: GOLD FLASH (0.05 MICRON MINIMUM).
UNDER PLATING: NICKEL 2.0 MICRON MINIMUM.
SHELL: MATTE TIN 1.27 MICRON MINIMUM.
UNDER PLATING: NICKEL 1.27 MICRON MINIMUM.

3. TAIL COPLANARITY 0.08mm MAXIMUM.

4. PRODUCT SPECIFICATION: PS-47589-001.

5. PACKAGING SPECIFICATION: PK-47589-001.

6. COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.

5	GND
4	ID
3	D+
2	D-
1	VBUS
PIN	NAME
PIN ASSIGNMENT	

REVISE PCB LAYOUT
EC NO: SH2014-0449
DRWN:XZZHANG 2014/04/24
CHKD:XZZHANG 2014/04/24
APPR:XYIN 2014/06/06

REV	DESCRIPTION
1	QUALITY SYMBOLS
2	$F_{\Delta}=0$
3	$F_{\Delta}=0$
4	$F_{\Delta}=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
XJSONG	2007/03/15
CHECKED BY	DATE
JTIAN	2007/03/15
APPROVED BY	DATE
JNCHEN	2007/03/15
MATERIAL NO.	
47590-0001	
SIZE	A3

SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
TITLE SALES DRAWING FOR USB, MICRO-AB TOP MOUNT TYPE			
molex			
DOCUMENT NO. SD-47590-001		SHEET NO. 1 OF 1	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1