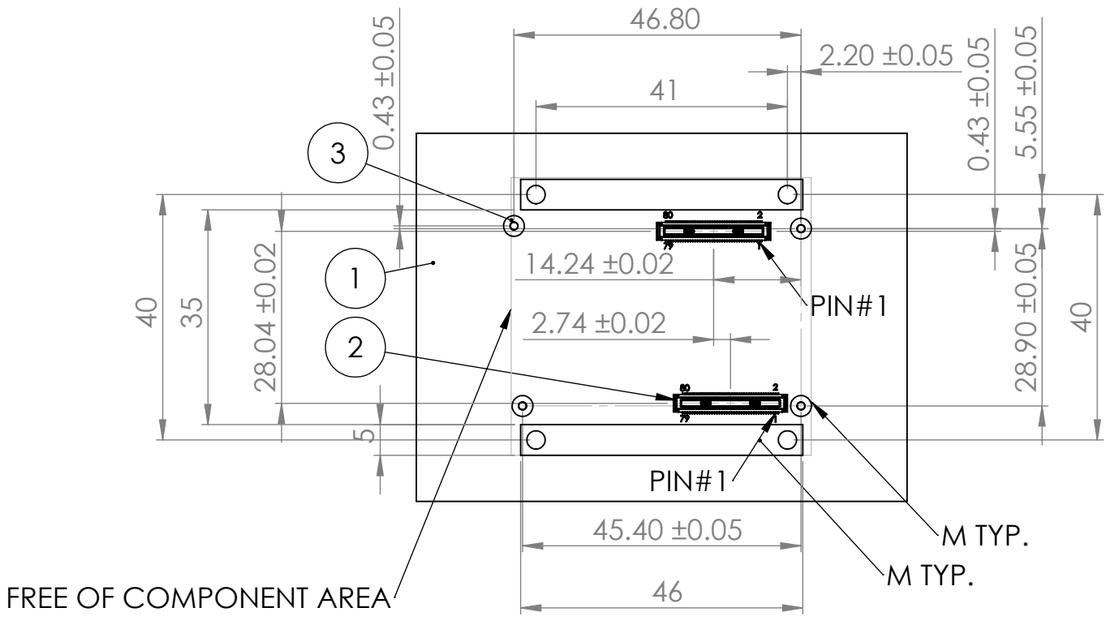
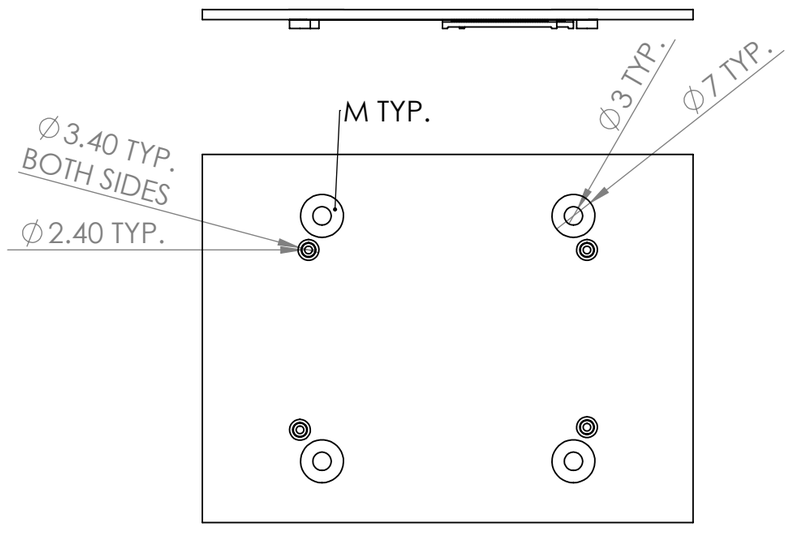
DESCRIPTION	APPROVED	DATE	REV.	CHANGE ORDER
NEW DOCUMENT	KEDEM S.	24/06/2004	A	





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Sample Board		1
2	DF40C-80DS	Board to Board Connector 0.4pitch 80pos. 1.5mm mating height (Other mating heights are available p to 4mm) Hirose DF40C-80DS-0.4V(51)	2
3	SOM_PCB SMT Stand Off M1.6x1.4_Alink Precision N0143416A	SMT Standoff M1.6 x1.4 height Alink Precision N0143416A	4

FILE LOCATIN:E:\Dropbox\SolidRun 3D Models\SOM\A38XuSoM-Rev.2.0\Sample Board

GENERAL NOTES:

1. AREA UNDER SOM SHOULD BE FREE OF COMPONENTS
2. CONNECTOR DEFINED IS FOR MATING HEIGHT OF 1.5mm. OTHER MATING HEIGHTS CAN BE DEFINED UP TO 4mm.

PCB PRODUCTION (RECOMMENDED):

1. MATERIAL: FR4, BOARD THICKNESS 1.6mm. FLAME RESISTANT PER UL94-V0
2. THE PCB SHOULD BE RoHS COMPLIANT, ALL THE SOLDER PADS SHOULD BE GOLD PLATED (NICKEL /IMMERSION GOLD).
3. UNLESS OTHERWISE SPECIFIED, REFERENCE IPC-A-600H ACCEPTABILITY SPECIFICATIONS
4. GLOSSY WHITE SHALL BE USED FOR SILK PRINT
5. UNLESS OTHERWISE SPECIFIED LINE REDUCTION DUE TO VOIDES, SCREATCHES, NICKS, AND/OR SHRINKAGE SHALL NOT EXCEED 20% OF CONDUCTOR WIDTH.
6. UL FLAMMABILITY RATING SHOULD BE SILK PRINTED ON EITHER THE COMPONENT OR PRINT SIDE.
7. ALL THE HOLE DIMENSIONS GIVEN BELOW ARE DIMENSIONS AFTER PLATING.
8. APPLY GREEN. SOLDERMASK ON BOTH SIDES OF THE BOARD.
9. MECHANICAL HOLES, MARKEN "M" SHOULD BE CONNECTED TO THE SHIELD LAYER

ASSEMBLY INSTRUCTIONS:

1. ASSEMBLY MUST CONFORM WITHIPC-610 CLASS II

Korat Engineering Ltd.
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korat.avi@gmail.com

	NAME	DATE	SCALE	SURFACE ROUGHNESS
DESIGNER	Avi Levy	05-Feb-16	1:1	
DRAWING	Avi Levy	05-Feb-16		
APPROVAL		05-Feb-16		

TOL. NOT SPECIFIED ± 0.5 mm
ANGLES NOT SPECIFIED ±0.5°
REMOVE ALL SHARPE EDGES.
MATERIAL:
FINISH:

CUSTOMER: SOLIDRUN
PROJECT: A38x-uSOM
NAME: SAMPLE BOARD ASSY
DRAWING NO.: Sample Board
REV.: A
DRAWING SIZE: A3

Proprierty of Korat Engineering

ALL DIMENSIONS ARE IN MILIMETERS

SHEET 1 OF 1

FILE LOCATIN:E:\Dropbox\SolidRun 3D Models\SOM\A38XuSoM-Rev.2.0\Sample Board