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REVISIONS				
REV	DESCRIPTION		DATE	APPROVED
A	DWG INITIATED PER ECO # C-001336 HJ		26JUL11	W.H.

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR(S) LISTED HEREON IS APPROVED BY MIMIX FOR USE IN THE APPLICATION(S) SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY MIMIX.
  - IDENTIFICATION OF THE "APPROVED SOURCE(S) OF SUPPLY" HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM(S) DESCRIBED ON THE DRAWING.
  - DIELECTRIC MATERIAL: 0.3mm Rogers RO4003C, 1oz Cu BOTH SIDES.
  - HOLE SIZES DRAWN ARE DRILL SIZE - FINISHED HOLE SIZE NOT CRITICAL
  - VIA PLATING 35  $\mu$ m MINIMUM
  - MASK LAYERS ARE AS FOLLOWS:  
SILKSCREEN (WHITE) - LAYER SilkScreen  
TOP SOLDER RESIST BOUNDARY - LAYER SMT  
TOP METALIZATION - LAYER METAL1 (TOPSIDE SIGNAL)  
BOTTOM METALIZATION - LAYER METAL2 (BACKSIDE GROUND)  
THRU HOLE VIAS - LAYER VIAS  
SUBSTRATE ( DIELECTRIC) - LAYER SUBSTRATE
  - METALISATION: GOLD PLATE OVER NICKEL.  
GOLD: PLATE PER MIL-G-45204, TYPE 3, GRADE A, CLASS 00  
PLATE 10-20 MICROINCHES MIN. ' 10%  
NICKEL: SULFAMATE NICKEL PER QQ-N-290  
PLATE 75 MICROINCHES THICK ' 10%  
FINISH - SOLDER MASK OVER BARE COPPER, 25  $\mu$ m.  
SOLDER MASK WITH SR1000 OR EQUIVALENT. THE MASK MATERIAL IS COLOR GREEN.  
NO SOLDER MASK ON BOTTOM SIDE.
  - THIS BOARD SHALL BE MANUFACTURED IN COMPLIANCE WITH IPC-A-600D

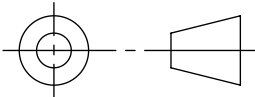
PRODUCTION  
RELEASE

HOLE TABLE				
REF.	DIA.	TOL.	QTY.	PLATING
T01	2.387[0.0940]	$\pm 0.0762 [\pm 0.003]$	4	THRU
T02	0.304[0.0120]	$\pm 0.0762 [\pm 0.003]$	428	THRU
T03	0.200[0.0788]	$\pm 0.0762 [\pm 0.003]$	8	THRU
T04	0.800[0.0315]	$\pm 0.0762 [\pm 0.003]$	2	THRU
T05	0.251[0.0099]	$\pm 0.0762 [\pm 0.003]$	11	THRU
T06	0.401[0.0158]	$\pm 0.0762 [\pm 0.003]$	15	THRU

MILLIMETERS[INCHES]

M/A SPECIFICATION S-100-101 APPLIES  
DO NOT SCALE THIS DRAWING

NOTE: THIS DRW INCORPORATES  
THIRD ANGLE PROJECTION



X	X
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

TOLERANCES ON

DECIMALS	ANGLES
.X $\pm .1$	$\pm 0.5^\circ$
.XX $\pm .02$	
.XXX $\pm .005$	
.XXXX $\pm$	

UNLESS OTHERWISE SPECIFIED  $\sqrt[63]{}$  ALL OVER

MATERIAL X

FINISH X

DRAWN W. MCKEAN DATE 10/27/09

ENG. APP'D W. MCKEAN 10/27/09

Q.A. APP'D X

MFG. APP'D X

L. PATTISON 10/27/09

JRM 01/05/10

APPROVALS



M/A-COM Technology Solutions, Inc.  
100 Chelmsford Street  
Lowell, MA 01851

TITLE  
FB, PWB, RO4003C, EVAL,  
SOT-363,W/TEST LINE

SIZE	CAGE CODE	DRAWING NO.
B	55NN2	04-1092A-01-FB

SCALE:	X/X	WEIGHT /	SHEET 1 OF 1
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