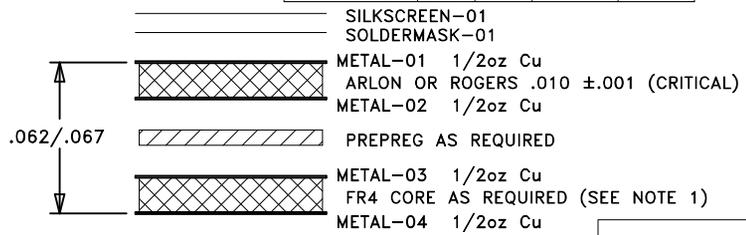


HITTITE MICROWAVE
600-00039-00-2

⊙ DENOTES EDGE PLATING LOCATION DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	76	+	YES	+/-3
14	641	X	YES	+/-3
35	2	□	YES	+/-2
43	6	◇	YES	+/-3
98	2	⊠	YES	+/-3
120	4	† ^A	YES	+/-2



LAYER STACKUP

REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	12/15/10	V. LY
2	REVISED PER QC120996	08/30/12	V. LY

NOTES:
UNLESS OTHERWISE SPECIFIED:

- MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR OR ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
- FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
- PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
- HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
- ALL HOLES TO BE LOCATED WITHIN ±.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
- FRONT TO BACK REGISTRATION ±.003 MAX.
- BOARD WARPAGE: <.010 PER LINEAR INCH.
- SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
- SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ±.004 MAX.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-6012 CLASS 2.
- PLATING THICKNESS .002 ±.0005 FOR METAL-01 AND METAL-04.
- ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

- CRITICAL LINE WIDTH = .016 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH. CRITICAL LINE WIDTH = .018 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
- EDGE PLATING MUST CONNECT ALL FOUR LAYERS.

VENDOR NOTES:

- VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
- BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

UNLESS OTHERWISE SPECIFIED:		DRAWN BY V. LY	DATE DRN 11/15/10
DIMENSIONS ARE IN INCHES [mm]		CHECKED BY V. CANNISTRARO	11/15/10
DRAWING PRACTICES PER ASME Y14.100		ENGINEER	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		THIRD ANGLE PROJECTION	
TOLERANCES:		DO NOT SCALE DRAWING	
.XX	± .01		
.XXX	± .005		
.XXXX	± .0020		
ANGLES	± .5 DEG.		

TITLE PCB, AUTOHANDLER EDGE LAUNCH			
SIZE A	CODE ID NO. 1CN88	DWG NO. 600-00039-00	REV 2
SCALE: 1:1		WT:	SHEET: 1 OF 1

NEXT ASSY	USED ON
-----------	---------