

NOTES (UNLESS OTHERWISE SPECIFIED):

GENERAL

- 1) PCB IS 6-LAYER, J062" THICK,
- 2) NO SOLDERMASK
- 3) ACCEPTABILITY SHALL BE BASED ON PC-A-600, CLASS 2.

 4) THE FOLLOWING GERBER RS274X PHOTO TOOL FLES SHALL BE USED TO DEFINE ALL CIRCUIT FEATURES:
 - *.GTL TOP LAYER GERBER DATA *.G1 - MID LAYER 1 GERBER DATA
 - *.G2 MID LAYER 2 GERBER DATA
 - *.GP1- INTERNAL PLANE LAYER 1 GERBER DATA
 - *.GP2 INTERNAL PLANE LAYER 2 GERBER DATA
 - *.GBL BOTTOM LAYER GERBER DATA
 - *.GBP BOTTOM-SIDE SOLDER PASTE MASK
- 5) THE PHOTO TOOL SHALL NOT BE COMPENSATED WITHOUT PRIOR ENGNEERING APPROVAL.

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FABRICATION TOLERANCES

- BND PRODUCT CONDUCTOR WIDTHS AND PAD DIAMETERS SHALL NOT VARY MORE THAN
 O.000" FROM THE 1.1 DIMENSIONS OF THE MASTER ARTWORK.
 THE CONDUCTIVE PATTERN SHALL BE POSITIONED SO THAT THE LOCATION OF ANY PAD OR
 LAND SHALL BE WITHIN LOOS" DIAMETER TO THE TRUE POSITION OF THE HOLE IT CREUMSCRIBES.
- 8) ALL DRILL HOLE SIZES AND TOLERANCES APPLY AFTER PLATING.

- 9) THE MINIMUM ANNULAR RING SHALL BE 0.005".
 10) BOW AND TWIST SHALL NOT EXCEED 0.010" PER INCH.
- 11) FOR PCB ROUTING DIMENSIONS: .XXX = +/-.005" .XX = +/-.020"

MATERIAL

- 12) BASE LAMINATE: POLYIMIDE
- 13) SEE STACK-UP LEGEND FOR COPPER CLADDING CALL OUTS

PLATING

- 14) ALL HOLES AND CONDUCTIVE SURFACES SHALL BE PLATED WITH A MINIMUM OF 0.001" COPPER.
- 15) ALL EXPOSED HOLES AND CONDUCTIVE SURFACES SHALL BE COATED WITH A GOLD IMMERSION PLATING TO PRESERVE SOLDERABILITY.

COATINGS

MARKING

- 18) NO NK MARKING IS TO BE LISED.
- 19) ETCHED MARKING IS ACCEPTABLE

ELECTRICAL TESTING

21) ALL BOARDS SHALL BE ELECTRICALLY TESTED TO THE SUPPLED IPC-D-356A NET LIST

Layer Stack Up Detail for: 175-00029 rev2, 486 CCD Interface.PcbDoc	
Layer Name	Copper Cladding
Top Layer (*.GTL)	1/2 oz (1 oz. finished)
Mid-Layer 1 (*.G1)	1/2 oz
Internal Plane 1 (*.GP1)	1/2 oz
Mid-Layer 2 (*.G2)	1/2 oz
Internal Plane 2 (*.GP2)	1/2 oz
Bottom Layer (*.GBL)	1/2 oz (1 oz. finished)

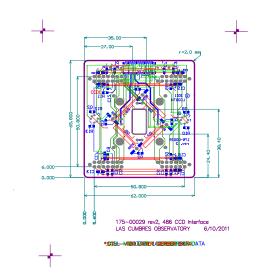
PRIMARY PCB SPECIFICATIONS (REFER TO COMPLETE SPEC LISTING AT LEFT FOR FURTHER DETAILS) NUMBER OF LAYERS -6 FINISHED THICKNESS .062" BASE MATERIAL **POLYIMIDE**

GOLD IMMERSION

NONE

PLATING TYPE

SOLDER MASK COLOR -



NOTICE

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