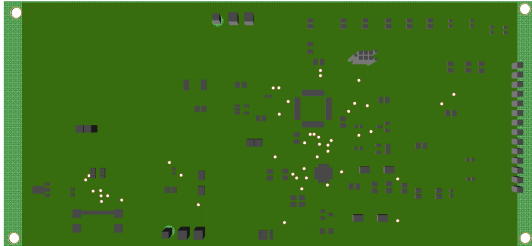


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<div>NOTES:</div> <div>1. RIGID-FLEX TO BE FABRICATED USING IPC-6013, CLASS 2 STANDARDS.</div> <div>2. RIGID-FLEX CIRCUIT CONTAINS UP TO 8 LAYERS IN RIGID SECTIONS AND 2 LAYERS IN FLEXIBLE SECTIONS.</div> <div>3. MATERIALS:<div>A. RIGID MATERIAL SHALL BE EPOXY GLASS LAMINATE PER IPC- 4101 / 24 / 26 / 99 / 101 / 126.</div><div>B. FLEX MATERIAL SHALL BE ADHESIVELESS FLEXIBLE COPPER CLAD LAMINATE</div><div>C. COVERLAYER TO BE .001" POLYIMIDE WITH .001" ADHESIVE</div></div> <div>4. COPPER STARTING WEIGHT TO BE 1/2 OZ. ON ALL LAYERS WITH AN ADDITIONAL PLATING OF .001" MIN. COPPER ON OUTER LAYERS.</div> <div>5. RIGID-FLEX CIRCUIT IS A MULTIPLE BEND TYPE.</div> <div>6. APPLY STRAIN RELIEF OF ECCOBOND 45/15 IN RIGID-FLEX TO FLEX TRANSITION AREA APPROXIMATELY AS SHOWN.</div> <div>7. MINIMUM BEND RADII TO BE 6X THICKNESS OF FLEX CIRCUIT.</div> <div>8. MINIMUM LINE WIDTH .010" AND MINIMUM LINE SPACE .010".</div> <div>9. MINIMUM ANNULAR RING REQUIREMENTS IN ACCORDANCE WITH IPC-6012, CLASS 2, TANGENCY WITH NO BREAKOUT.</div> <div>10. UNLESS OTHERWISE SPECIFIED HOLE TOLERANCES ARE +/- .003".</div> <div>11. FINISH: AFTER COPPER PLATING PLATE ENIG, PER IPC-4552.</div> <div>12. SOLDER MASK RIGID SECTION BOTH SIDES LPISM GREEN (SOLDER MASK OVER BARE COPPER).</div> <div>13. RoHS MATERIALS REQUIRED.</div> <div>14. OVERALL THICKNESS OF FLEX LAYERS SHALL NOT EXCEED .009".</div> <div>15. SILKSCREEN COLOR WHITE ON TOP SIDE OF BOARD.</div> <div>16. ALL BOARD DIMENSIONS SPECIFIED BY DWG IN ATTACHED FILE TEST. PDF. (DIMENSIONS IN GERBERS FOR REFERENCE ONLY.)</div> <div>17. FOR ANY DIMENSIONS NOT IN DWG TEST.PDF USE GERBER DATA.</div> <div>18. VENDOR TO PRIMARY DRILL ALL HOLES (NON-PLATED HOLES SHALL BE TENTED.)</div> <div>19. MAXIMUM OF 1 X-OUTS ALLOWED IN ARRAY.</div>								<div>NOTES: UNLESS OTHERWISE SPECIFIED</div> <div>1. MAT'L: Copper clad plated sheet per MIL-P-13949/4, Type GFM,<div>A. Copper Weight:<div>a) Outer Layers 1.5 OZ.</div><div>b) Inner Plane Layers 1 OZ.</div><div>c) Inner Signal Layers 1 OZ.</div></div><div>B. Laminate using Pre-Preg Material Per MIL-P-13949/12, Type PC-GF. Tg minimum 170 deg C.</div></div> <div>2. Overall Board thickness to be .093 +/- .009.</div> <div>3. Unless otherwise specified all hole dimensions apply after plating. All plated through holes to have a minimum of .001 copper.</div> <div>4. All holes shall be located within .003 diameter of true position. Layer to layer registration shall be within .005. All holes surrounded by land shall have a minimum annular ring of .001. Tangency on holes with breakout is acceptable.</div> <div>5. Conductor widths and spacing shall be within +/- 20% of artwork originals.</div> <div>6. Apply solder mask (liquid photo imageable) over bare copper, solder mask to be per IPC-SM-84D, Type B, Class 3, Color: Transparent Green. All exposed conductive surfaces to be solder coated.</div> <div>7. Ware or twist of board shall not exceed .0075 inch per inch.</div>																																																					
<div>РАЗМЕРЫ И ДРУГИЕ ХАРАКТЕРИСТИКИ ПЕЧАТНОЙ ПЛАТЫ ВВОДЯТСЯ ВРУЧНУЮ</div> <div><div>TOLERANCE ON:</div><div>1%1%1%</div><div>MATL N/A</div><div><div>HARD 1 CLASS</div><div>CASE DEPTH</div><div>1.65 mm</div></div><div><div>SURF</div><div>TREAT FR4</div></div></div>				<div></div>				<div>Drill Chart</div> <table><thead><tr><th>Qty</th><th>Size</th><th>Sym</th><th>Plated</th><th>Tolerance</th></tr></thead><tbody><tr><td>2</td><td>0.020</td><td>✕</td><td>Yes</td><td>+/-0.003</td></tr><tr><td>90</td><td>0.028</td><td>+</td><td>Yes</td><td>+0/-0.028</td></tr><tr><td>14</td><td>0.032</td><td>□</td><td>Yes</td><td>+/-0.003</td></tr><tr><td>3</td><td>0.039</td><td>◇</td><td>No</td><td>+/-0.002</td></tr><tr><td>8</td><td>0.046</td><td>⊗</td><td>Yes</td><td>+0/-0.046</td></tr><tr><td>8</td><td>0.058</td><td>⊗</td><td>Yes</td><td>+0/-0.058</td></tr><tr><td>8</td><td>0.068</td><td>⊕</td><td>Yes</td><td>+0/-0.068</td></tr><tr><td>8</td><td>0.110</td><td>⊗</td><td>Yes</td><td>+0/-0.110</td></tr><tr><td>4</td><td>0.125</td><td>⊕</td><td>No</td><td>+/-0.002</td></tr></tbody></table>				Qty	Size	Sym	Plated	Tolerance	2	0.020	✕	Yes	+/-0.003	90	0.028	+	Yes	+0/-0.028	14	0.032	□	Yes	+/-0.003	3	0.039	◇	No	+/-0.002	8	0.046	⊗	Yes	+0/-0.046	8	0.058	⊗	Yes	+0/-0.058	8	0.068	⊕	Yes	+0/-0.068	8	0.110	⊗	Yes	+0/-0.110	4	0.125	⊕	No	+/-0.002
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