

1	2	3	5	6																																													
 <table border="1" data-bbox="341 1060 755 1123"><thead><tr><th>Symbol</th><th>Hit Count</th><th>Finished Hole Size</th><th>Plated</th><th>Hole Type</th></tr></thead><tbody><tr><td>C</td><td>64</td><td>16mil (0.4064mm)</td><td>PTH</td><td>Round</td></tr><tr><td>A</td><td>13</td><td>40mil (1.016mm)</td><td>PTH</td><td>Round</td></tr><tr><td>B</td><td>10</td><td>44mil (1.1176mm)</td><td>PTH</td><td>Round</td></tr><tr><td colspan="5">87 Total</td></tr></tbody></table> <p data-bbox="349 1134 576 1176">Drill Table DRILL TOLERANCES: FOR PTH +/-3MILS FOR NPTH +/-2MILS</p>			Symbol	Hit Count	Finished Hole Size	Plated	Hole Type	C	64	16mil (0.4064mm)	PTH	Round	A	13	40mil (1.016mm)	PTH	Round	B	10	44mil (1.1176mm)	PTH	Round	87 Total					<p>The Stackup Legend below this is static. If you change the stackup, update the Legend.</p> <p>Layer Stack Up Detail for: RS485_ADAPTOR.PcbDoc</p> <table border="1" data-bbox="1258 409 1567 472"><thead><tr><th>Layer</th><th>Material</th><th>Thickness</th><th>Notes</th></tr></thead><tbody><tr><td>Top Solder Mask</td><td>C.07D</td><td></td><td>Solder Resist</td></tr><tr><td>Top Layer</td><td>C.07L</td><td>1.4mil</td><td>FR-4</td></tr><tr><td>Bottom Layer</td><td>C.08L</td><td>1.4mil</td><td></td></tr><tr><td>Bottom Solder Mask</td><td>C.08D</td><td></td><td>Solder Resist</td></tr></tbody></table> <p>DESIGN INFORMATION</p> <p>BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION) 2150MIL X 1600MIL</p> <p>Number of Layers : 2 MIN. TRACK WIDTH: 10 MIL MIN. CLEARANCE: 8 MIL MIN. VIA PAD SIZE: 34 MIL</p> <p>MINIMUM ANNUAL RING 0.05mm (2MIL) EXTERNAL PER IPC-D-275 CLASS 2 LEVEL C REGISTRATION TOLERANCES: METAL +/- 5 MIL HOLES +/- 3 MIL</p> <p>MATERIAL: <input checked="" type="checkbox"/> FR-408 <input type="checkbox"/> FR-4 High Tg <input type="checkbox"/> OTHER</p> <p>THICKNESS: <input checked="" type="checkbox"/> 63 MIL (1.6mm) +/-10% <input type="checkbox"/> OTHER</p> <p>TOLERANCE: <input checked="" type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2 <input type="checkbox"/> OTHER +/-</p> <p>BOW & TWIST: <input checked="" type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2 <input type="checkbox"/> OTHER +/-</p> <p>COPPER THICKNESS (FINISHED): OUTER: <input checked="" type="checkbox"/> 1.4MIL (1oz) <input type="checkbox"/> 2MIL (1.4oz) <input type="checkbox"/> 2.8MIL (2oz) INNER SIGNAL: <input type="checkbox"/> 1.4MIL (1oz) <input type="checkbox"/> 2.8MIL (2oz) <input type="checkbox"/> N/A</p> <p>DRILLING: REFERENCE: <input checked="" type="checkbox"/> AS SHOWN <input checked="" type="checkbox"/> NC_DRILL FILES PTH MIN COPPER THICKNESS: <input checked="" type="checkbox"/> 1MIL <input type="checkbox"/> OTHER</p> <p>BOARD FINISH: SLKSCREEN: <input checked="" type="checkbox"/> TOP <input checked="" type="checkbox"/> BOTTOM SLKSCREEN COLOR: <input checked="" type="checkbox"/> WHITE <input type="checkbox"/> OTHER</p> <p>SOLDER RESIST COLOR: <input checked="" type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input type="checkbox"/> OTHER</p> <p>SURFACE FINISH: <input checked="" type="checkbox"/> IMMERSION GOLD (ENG) <input type="checkbox"/> ENERP <input type="checkbox"/> MIN. TIN/SILVER OR EQUIV <input type="checkbox"/> OTHER</p> <p>ARRAY/PANEL: <input type="checkbox"/> CUT AND TRIM PER MECH LAYER 1 <input type="checkbox"/> N.C. ROUTE <input checked="" type="checkbox"/> V. SCORE</p> <p>CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF: <input checked="" type="checkbox"/> ANSI IPC-A-600F CLASS -> <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> UL 94V-0 <input checked="" type="checkbox"/> RoHS <input type="checkbox"/> OTHER PER ORDER</p> <p>ADDITIONAL REQUIREMENTS: MICROSECTION: <input type="checkbox"/> YES VIA TENCING: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO BARE BOARD ELEC. TEST: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> PER ORDER MANUFACTURERS UL: <input type="checkbox"/> RAL <input type="checkbox"/> METAL <input checked="" type="checkbox"/> SILK</p> <p></p> <p>PROJECT TBLD: RS485_CONMS</p> <p>DESIGNED FOR: Public Release</p> <p>FILE NAME: ISE3013</p> <p>ENGINEER: Sreenivasa Kallikuppa</p> <p>LAYOUT BY:</p> <p>SCALE: 1.00</p> <p>ALUM DESIGNER VERSION: 10.0.0.22084</p>		Layer	Material	Thickness	Notes	Top Solder Mask	C.07D		Solder Resist	Top Layer	C.07L	1.4mil	FR-4	Bottom Layer	C.08L	1.4mil		Bottom Solder Mask	C.08D		Solder Resist
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<p>ALL ARTWORK VIEWED FROM TOP SIDE</p> <p>LAYER NAME = Drill Drawing</p> <p>PLOT NAME = RS485_ADAPTOR_E2.GDI</p> <p>BOARD #: TIDA-00308 REV: E2 SUN REV: Not In VersionControl</p> <p>GENERATED : 9/9/2014 1:28:00 PM TEXAS INSTRUMENTS</p> <p>Texas Instruments (TI) and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. TI and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. TI and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.</p>																																																	