

ublox		PCB Production Data Set C04-6H_A		Last Rev.:	19.Jul.2010	Johann Furrer
		UBX-Number:	UBXH60-0000011	Review Report:	GPS.G6-HW-10073	
		PCB Manufacturer:	Interhorizon			
<b>Description</b>						
Smart Antenna with LEA-6H and 25mm x 25mm Patch Antenna						
<b>Production Data</b>	<b>Description</b>		<b>Filename</b>		<b>Remarks</b>	
	Board ZIP File		C04-6H_A.zip			
	X-Ray ZIP File		C04-6H_xray_A.zip			
<b>Built Up</b>	<b>Description</b>	<b>Material</b>	<b>Filename</b>	<b>Thickness [µm]</b>	<b>Remarks</b>	
	Pastmask on top layer		PASTEMASK_TOP.art			
	Silkscreen on top layer					
	Soldermask on top layer		SOLDERMASK_TOP.art			
	Top CU surface coating	chemical Ni/Au			3-6µm/0.05-0.12µm	
	Top layer	CU	PADTOP.art	35	35µm - 50µm	
	Dielectric	FR4		1000		
	Bottom Layer	CU	PADBOTTOM.art	35	35µm - 50µm	
	Bottom CU surface coating	chemical Ni/Au			3-6µm/0.05-0.12µm	
	Soldermask on bottom layer		SOLDERMASK_BOTTOM.art			
	Silkscreen on bottom layer		-			
	Pastmask on bottom layer		-			
<b>Total Thickness:</b>				<b>1070</b>	<b>+/-100µm</b>	
<p>Gerber data for paste and solder masks is not adjusted for production. In the files of this data set, openings on these masks do have the same dimensions as corresponding copper pads. Copper thickness is final thickness including galvanic build up.</p>						
<b>Feature Sizes</b>	<b>Description</b>				<b>Remarks</b>	
	Min. Via hole diameter			500 µm		
	Min. Via land diameter			800 µm		
	Min. Line width			200 µm		
	Min. Line spacing			200 µm		
<b>Drill Data</b>	<b>Description</b>		<b>Filename</b>		<b>Remarks</b>	
	Drill tape		C04-6H-2-3.drl			
	Drill log file		ncdrill.log			
	Slot hole file		-			
	Extract file		-			
<p>All drill tool diameters are nominal dimensions. The final hole diameter (after copper build up and surface coating) must fall into these tolerance specifications:  Tool Diameter &lt;= 400µm: for vias only, no tolerance specification, optimize diameter for production  400µm &lt; tool diameter &lt; 2000 µm: -50µm/+150µm  Tool diameter &gt;= 2000µm: -50µm/+250µm</p>						
<b>Assembly Data</b>	<b>Description</b>		<b>Filename</b>		<b>Remarks</b>	
	Board Outline		OUTLINE.art			
	Board Dimensions		DIMENSION.art			
	Assembly drawing on top layer		ASSEMBLY_TOP.art			
	Assembly drawing on bottom layer		ASSEMBLY_BOTTOM.art			