


UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:		CUSTOMER/PROJECT: Innovation Zed		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION:	
						BOARD: FP 1			
	NAME	SIGNATURE		DATE	TITLE:				
DRAW	KaKa			19-12-2017	Drawings for 105358-3BA001-02				
CHK'D									
APP'VD									
MFG									
QA				MATERIAL/FINISH:	DWG NO.				A2
				ENIG					
				WEIGHT:	SCALE 1:1			SHEET 1 OF 6	

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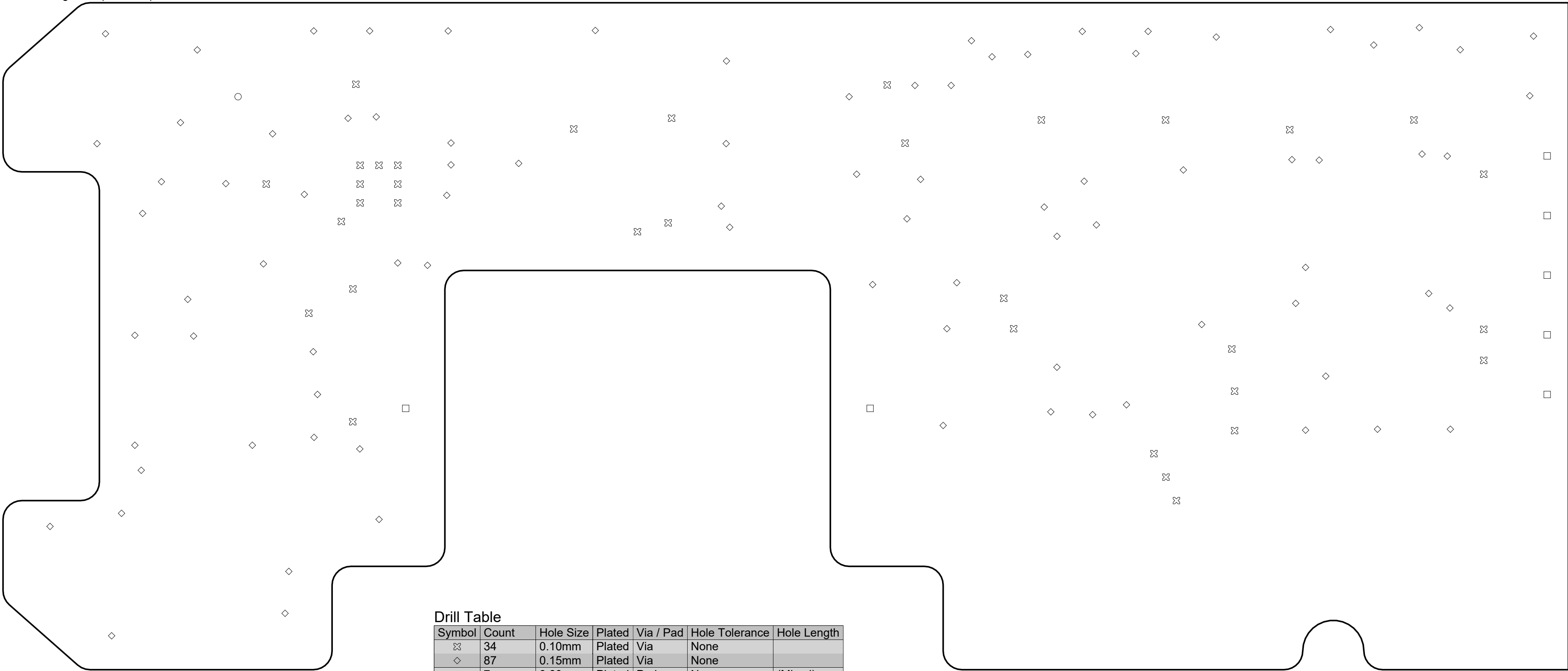
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Drill Drawing View

Drill Drawing View (Scale 15)



Drill Table

Symbol	Count	Hole Size	Plated	Via / Pad	Hole Tolerance	Hole Length
⊠	34	0.10mm	Plated	Via	None	
◇	87	0.15mm	Plated	Via	None	
□	7	0.60mm	Plated	Pad	None	(Mixed)
○	1	1.30mm	Plated	Pad	None	
	129 Total					

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DRAW	KaKa			19-12-2017							
CHKD											
APPVD											
MFG											
QA						MATERIAL/FINISH: ENIG		DWG NO. 105358-3CD001-01		A2	
						WEIGHT:		SCALE 1:1		SHEET 4 OF 6	


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Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
Surface Material	Top Paste			Paste Mask	GTP
Surface Material	Top Solder	0.018mm(1mil)	Solder Resist	Solder Mask	GTS
Copper	Component Side	0.036mm(1mil)		Signal	GTL
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Inner Layer 1	0.036mm(1mil)		Signal	G1
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Ground Plane (GND)	0.036mm(1mil)		Internal Plane	GP1
Core		0.508mm(20mil)	FR-4	Dielectric	
Copper	Power Plane (VCC)	0.036mm(1mil)		Internal Plane	GP2
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Inner Layer 2	0.036mm(1mil)		Signal	G2
Prepreg		0.064mm(2mil)	FR-4	Dielectric	
Copper	Solder Side	0.036mm(1mil)		Signal	GBL
Surface Material	Bottom Solder	0.018mm(1mil)	Solder Resist	Solder Mask	GBS
	Bottom Paste			Paste Mask	GBP
Total thickness: 1.011mm(40mil)					

Solder Mask Color – Black
Surface treatment- Electroless Nickel Immersion Gold (ENIG)
OverLay Text Color- None

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CHK'D								
APPV'D								
MFG								
QA				MATERIAL/FINISH: ENIG	DWG NO. 105358-3CD001-01		A2	
				WEIGHT:	SCALE 1:1		SHEET 5 OF 6	

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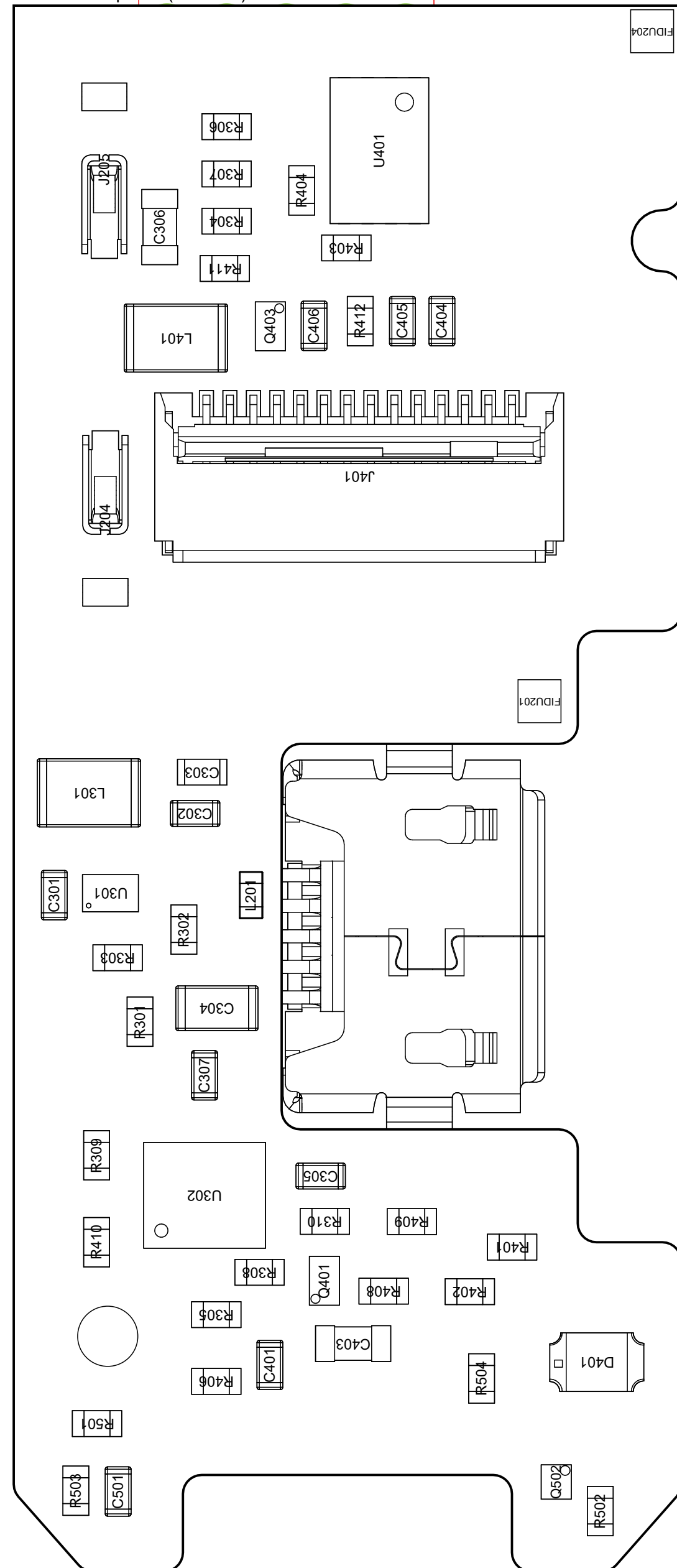
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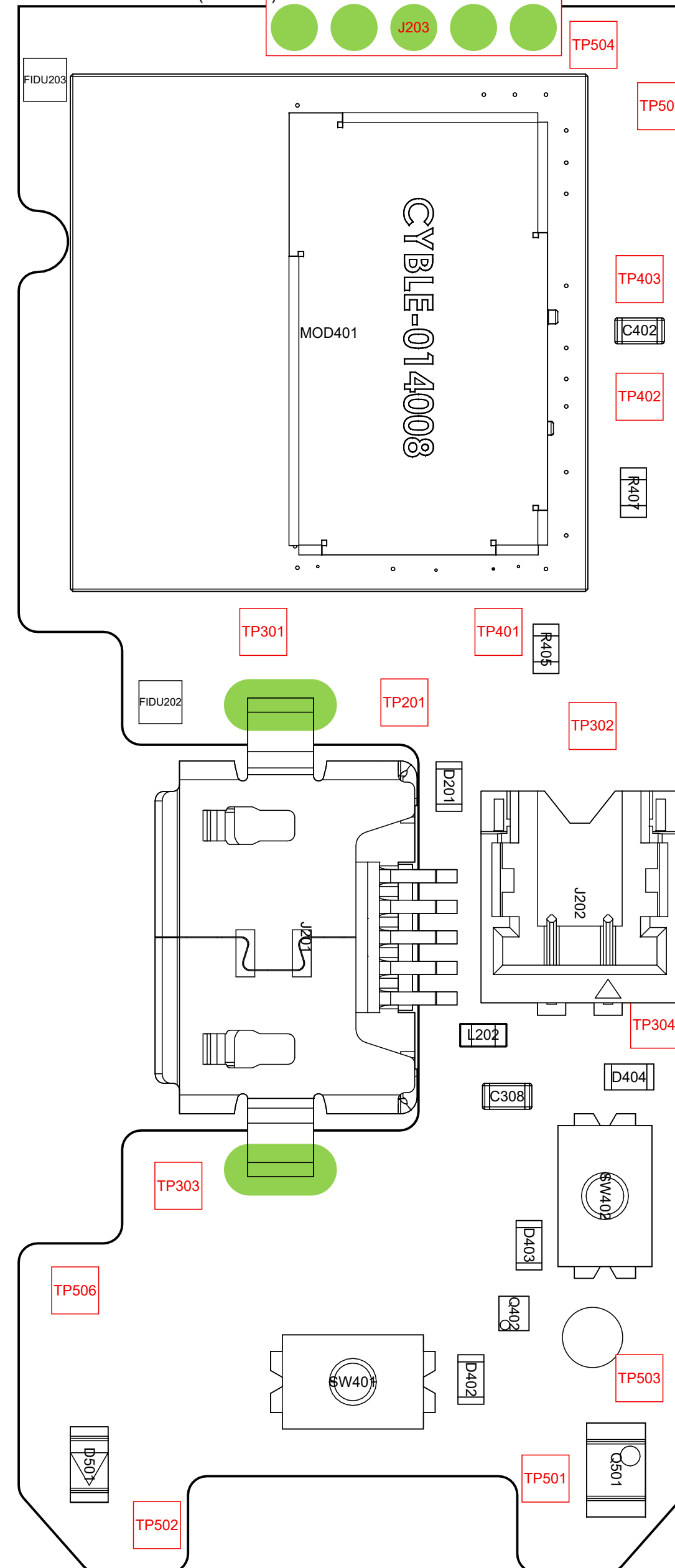
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Test Points

View from Top side (Scale 10)



View from Bottom side (Scale 10)



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								ENIG											
								WEIGHT:		SCALE 1:1				SHEET 6 OF 6					