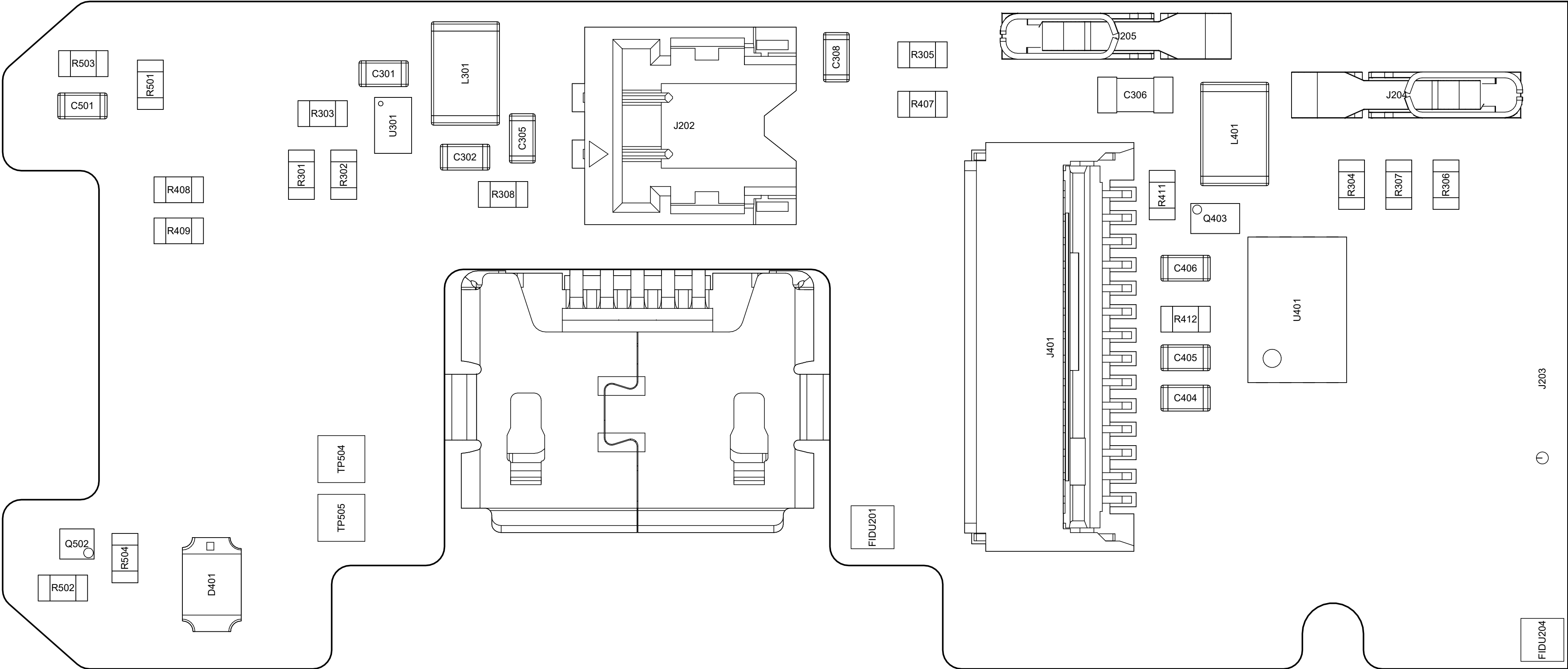


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:			CUSTOMER/PROJECT:  Innovation Zed		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION:
						BOARD:  EFM 2	
	NAME	SIGNATURE		DATE		TITLE:  Drawings for 105358-3BA001-02	
DRAW	KaKa			01-12-2017			
CHKD							
APPVD							
MFG						DWG NO.  105358-3CD001-01	
QA					MATERIAL/FINISH:  ENIG		
					WEIGHT:	SCALE 1:1	SHEET 1 OF 6

Top Assembly Drawing

View from Top side (Scale 15)



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						BOARD:  EFM 2	
	NAME	SIGNATURE		DATE		TITLE:  Drawings for 105358-3BA001-02	
DRAW	KaKa			01-12-2017			
CHKD							
APPVD							
MFG						DWG N0.  105358-3CD001-01	
QA							
					MATERIAL/FINISH:  ENIG		
					WEIGHT:	SCALE 1:1	SHEET 2 OF 6

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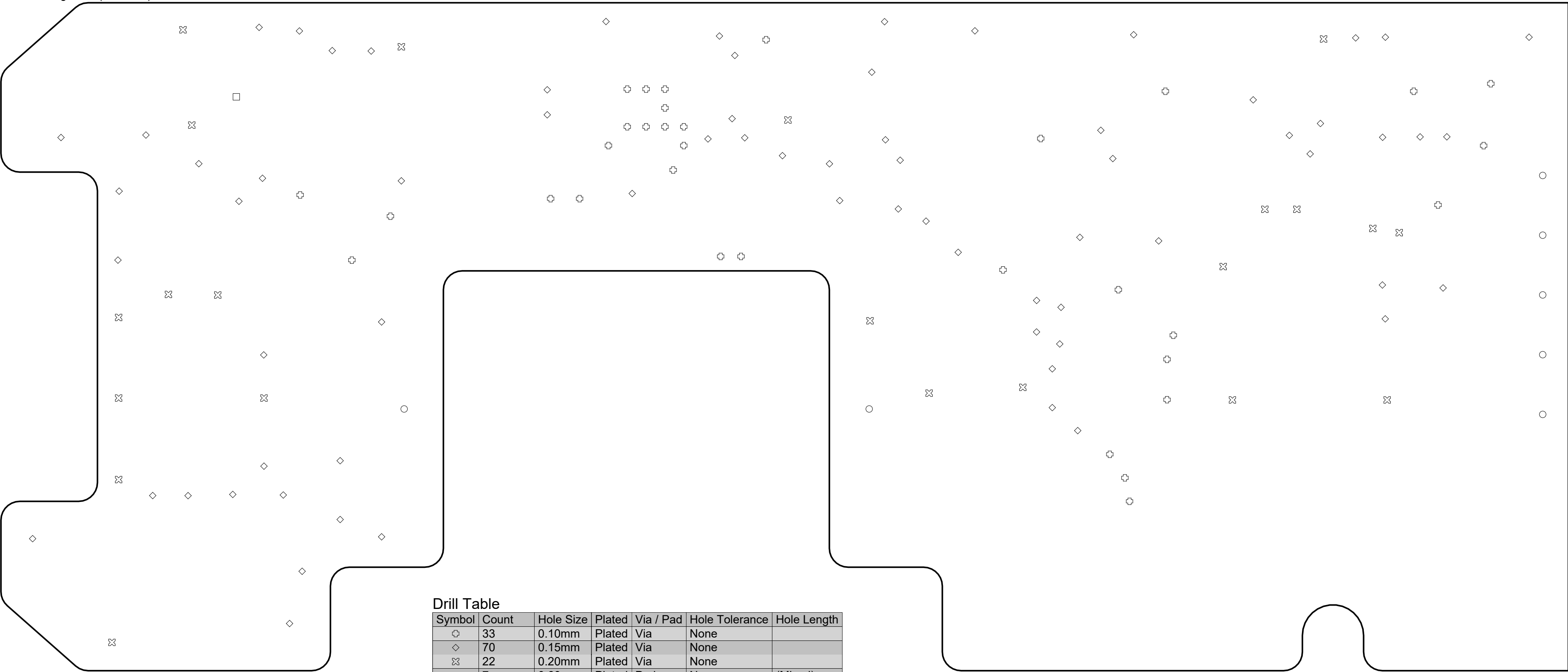
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Drill Drawing View

Drill Drawing View (Scale 15)



Drill Table

Symbol	Count	Hole Size	Plated	Via / Pad	Hole Tolerance	Hole Length
⊕	33	0.10mm	Plated	Via	None	
◇	70	0.15mm	Plated	Via	None	
⊗	22	0.20mm	Plated	Via	None	
○	7	0.60mm	Plated	Pad	None	(Mixed)
□	1	1.30mm	Plated	Pad	None	
	133 Total					

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							BOARD:  EFM 2	
			NAME	SIGNATURE	DATE		TITLE:  Drawings for 105358-3BA001-02	
			DRAW	KaKa	01-12-2017			
			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- White

8

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					BOARD:  EFM 2	
		NAME	SIGNATURE	DATE	TITLE:  Drawings for 105358-3BA001-02	
		DRAW	KaKa	01-12-2017		
		CHKD				
		APPVD				
		MFG				
		QA			MATERIAL/FINISH:  ENIG	DWG NO.  105358-3CD001-01
					WEIGHT:	A2
					SCALE 1:1	SHEET 5 OF 6

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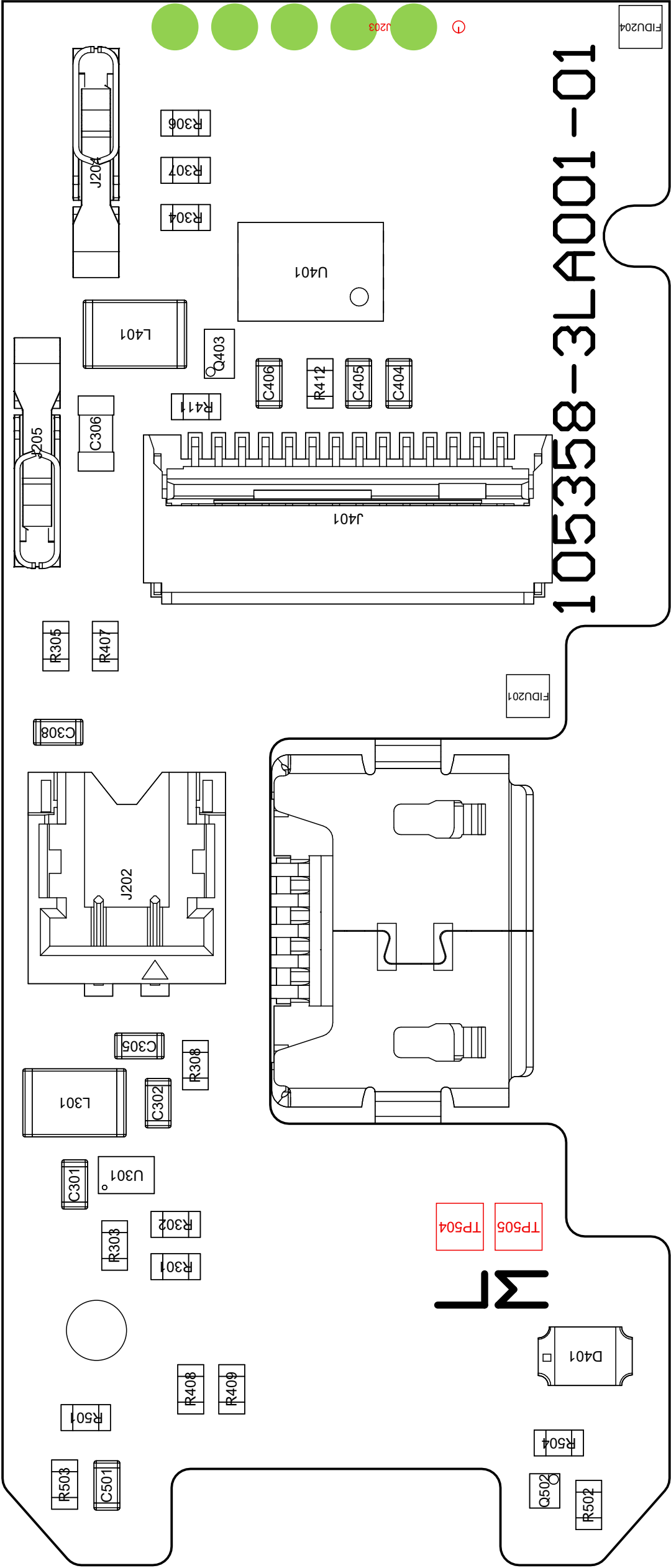
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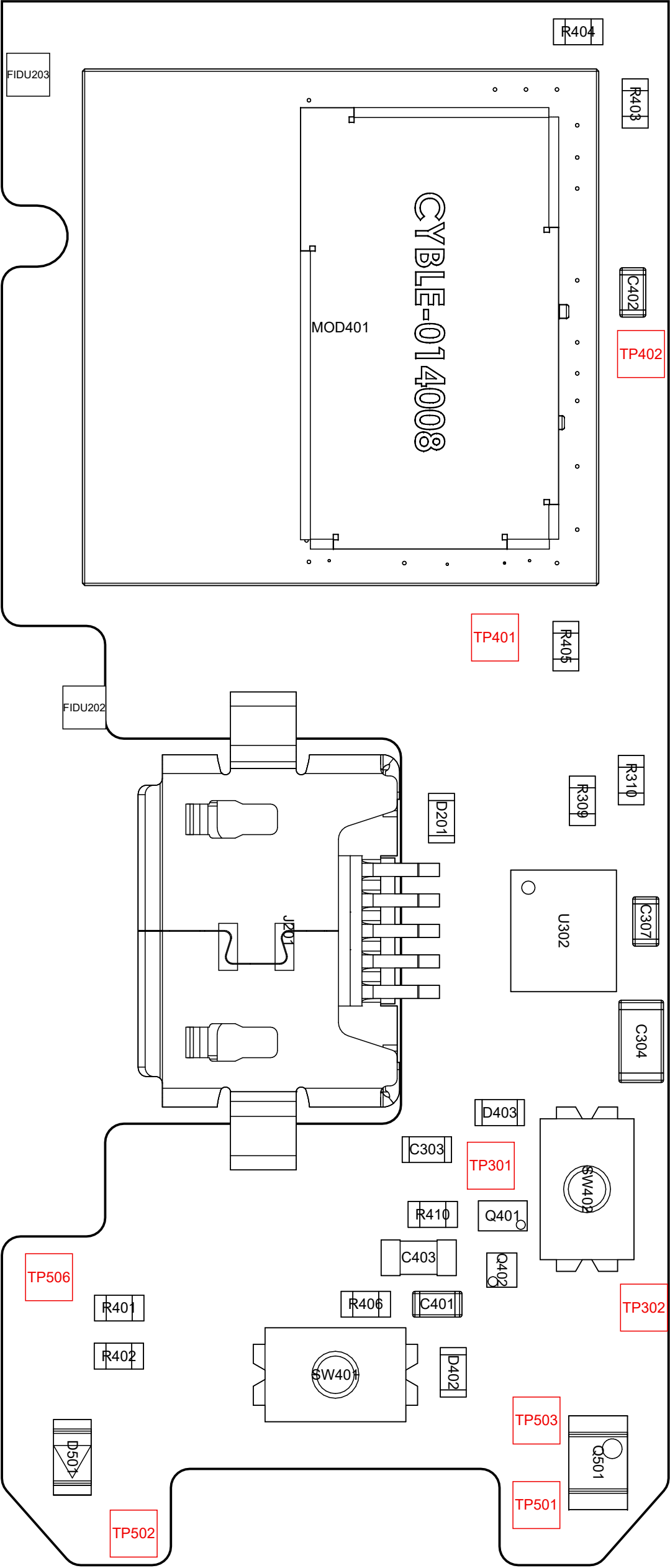
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Test Points

View from Top side (Scale 10)



View from Bottom side (Scale 10)



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NAME	SIGNATURE	DATE		TITLE:  Drawings for 105358-3BA001-02				
DRAW	KaKa	01-12-2017						
CHKD								
APPVD								
MFG								
QA				MATERIAL/FINISH: ENIG		DWG NO. 105358-3CD001-01		A2
				WEIGHT:		SCALE 1:1		SHEET 6 OF 6