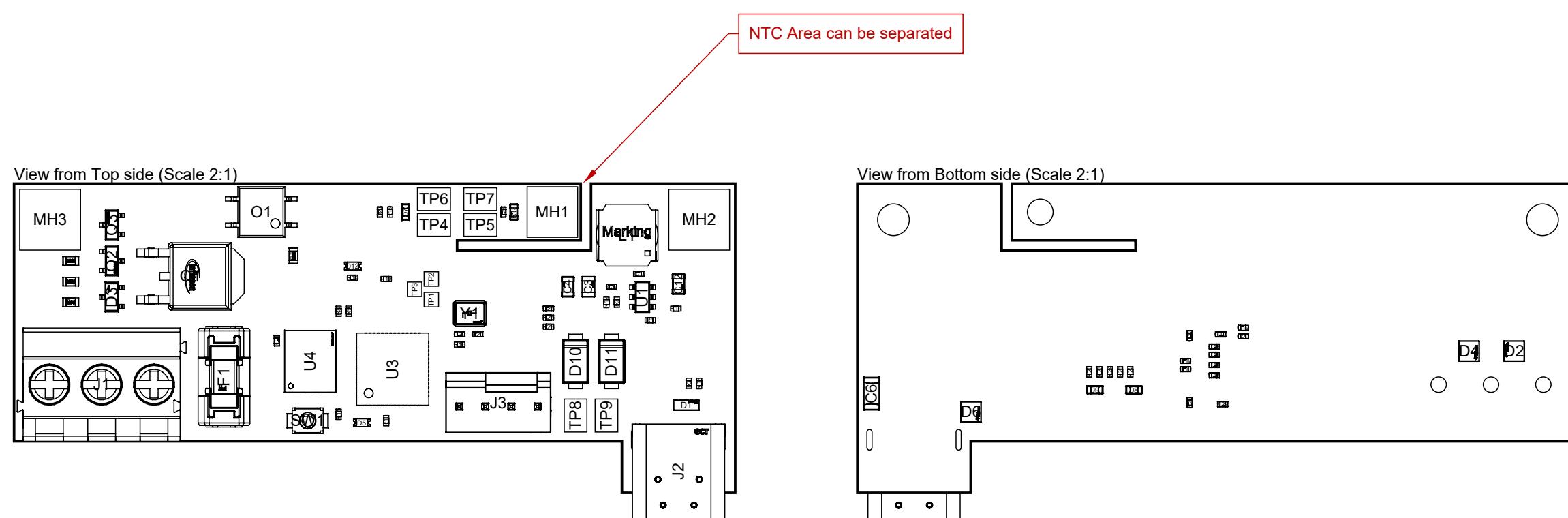


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B

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D



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		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm$ ANGULAR: MACH $\pm$ BEND $\pm$ TWO PLACE DECIMAL $\pm$ THREE PLACE DECIMAL $\pm$		NAME	DATE	ADSTech 			
		DRAWN	ADS	19/11/2025					
		CHECKED			TITLE				
		ENG APPR.							
		MFG APPR.			Bridge Discharger Manager V2				
		Q.A.							
		COMMENTS:							
		SIZE	DWG. NO.			0000			
		SCALE:	1:1	WEIGHT:		SHEET 1 OF 3			

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1

1

2

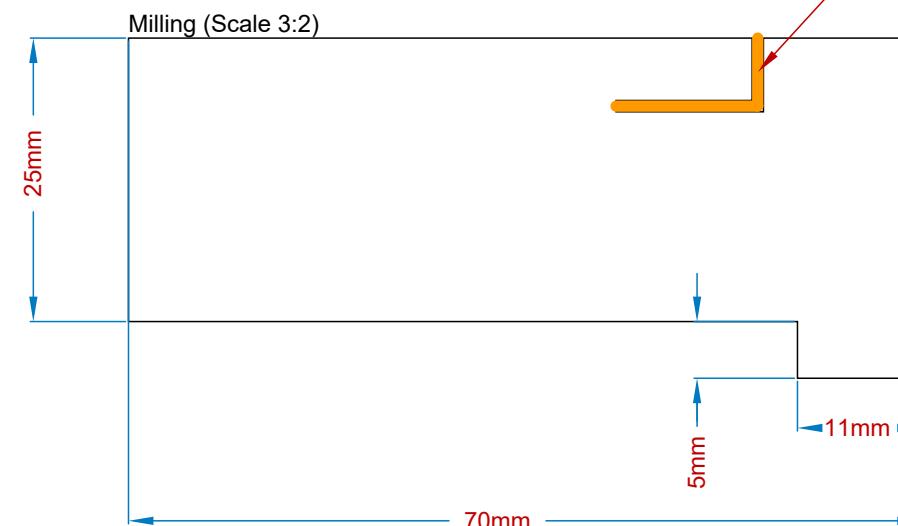
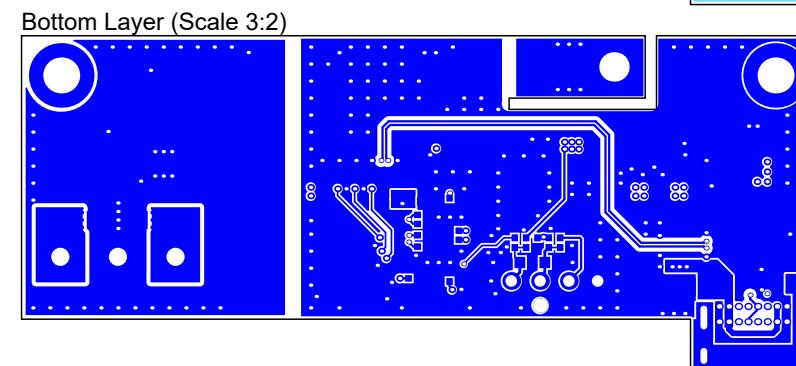
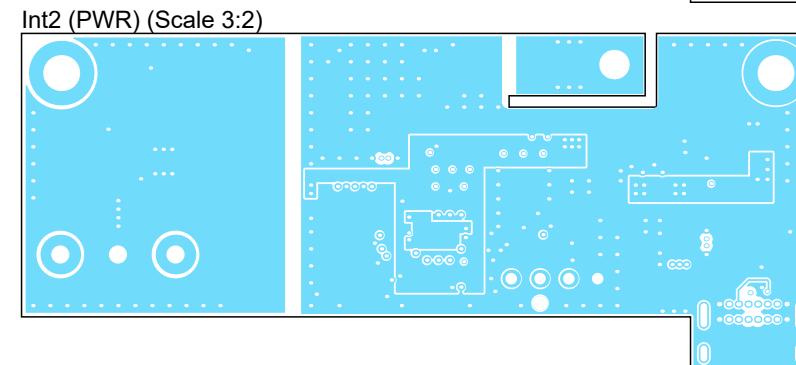
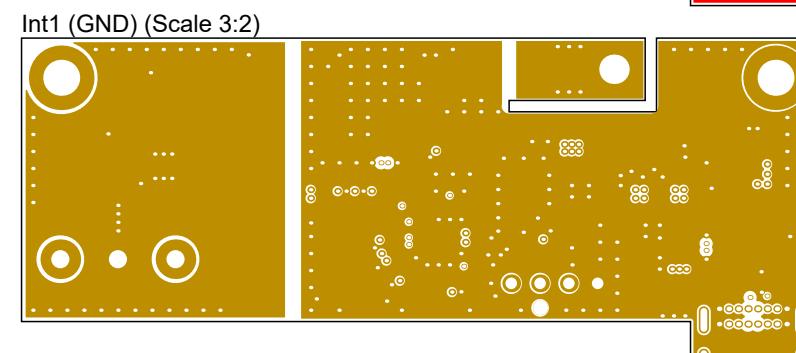
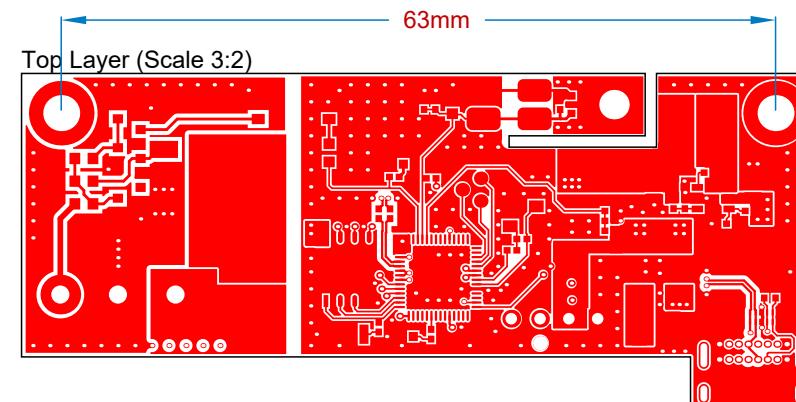
2

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Note:  
① 1mm milled slot

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	ADSTech	
		DIMENSIONS ARE IN INCHES		DRAWN	ADS		
		TOLERANCES:		CHECKED		Bridge Discharger Manager V2	
		FRACTIONAL ±		ENG APPR.			
		ANGULAR: MACH ±	BEND ±	MFG APPR.			
		TWO PLACE DECIMAL ±	THREE PLACE DECIMAL ±	Q.A.			
		INTERPRET GEOMETRIC		COMMENTS:			
		TOLERANCING PER:		MATERIAL			
		NEXT ASSY		FINISH		0000	
		USED ON		APPLICATION	DO NOT SCALE DRAWING		
		SCALE: 1:1		WEIGHT:		SHEET 2 OF 3	

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## Layer Stack Legend

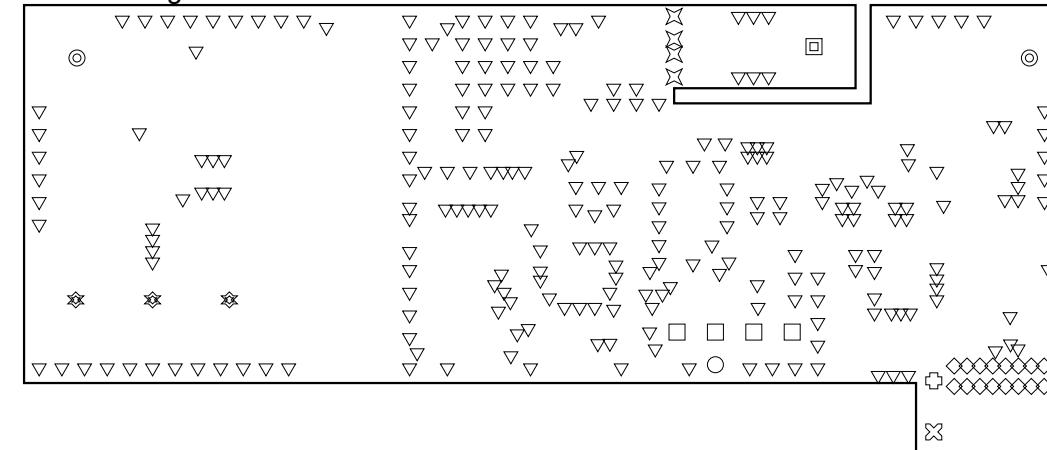
	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.03mm	SM-001	Solder Mask	GTS
	PbSn	Top Surface Finish	0.02mm		Surface Finish	
	CF-004	<b>Top Layer</b>	<b>0.04mm</b>		<b>Signal</b>	<b>GTL</b>
	Prepreg		0.21mm	PP-017	Dielectric	
	CF-004	<b>Int1 (GND)</b>	<b>0.02mm</b>		<b>Signal</b>	<b>G1</b>
	Core		0.25mm	Core-039	Dielectric	
	CF-004	<b>Int2 (PWR)</b>	<b>0.02mm</b>		<b>Signal</b>	<b>G2</b>
	Prepreg		0.21mm	PP-017	Dielectric	
	CF-004	<b>Bottom Layer</b>	<b>0.04mm</b>		<b>Signal</b>	<b>GBL</b>
	PbSn	Bottom Surface Finish	0.02mm		Surface Finish	
	Surface Material	Bottom Solder	0.03mm	SM-001	Solder Mask	GBS
		Bottom Overlay			Legend	GBO

Total thickness: 0.87mm

## Transmission Line Structure Table

Impedance Id	Transmission Line	Target Impedance	Calculated Impedance	Trace layer	Wide Trace Width	Narrow Trace Width	Gap	Reference layers	Substack	Clearance	Target Tolerance
1	Diff Coated Coplanar Waveguide With Ground	90	90.00	Top Layer	0mm	0mm	0mm	Int1 (GND)	Board Layer Stack	0mm	10%
2	Diff Coated Coplanar Waveguide With Ground	90	90.00	Bottom Layer	0mm	0mm	0mm	Int2 (PWR)	Board Layer Stack	0mm	10%

## Drill Drawing View



## Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
◇	16	0.40	Plated	
□	4	1.02	Plated	
☒	4	0.60	Non-Plated	
☒	3	1.60	Plated	
○	1	1.25	Non-Plated	
□	1	2.60	Plated	
○	2	3.18	Plated	
☒	2	1.40	Plated	
+	2	2.10	Plated	
▽	256	0.30	Plated	

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	ADSTech	
DRAWN	ADS	DIMENSIONS ARE IN INCHES			19/11/2025		
TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±						Bridge Discharger Manager V2	
INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL							
NEXT ASSY							
USED ON							
FINISH							
APPLICATION							
DO NOT SCALE DRAWING							
COMMENTS:	SIZE	DWG. NO.			0000		
SCALE:		1:1	WEIGHT:	SHEET 3 OF 3			

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