
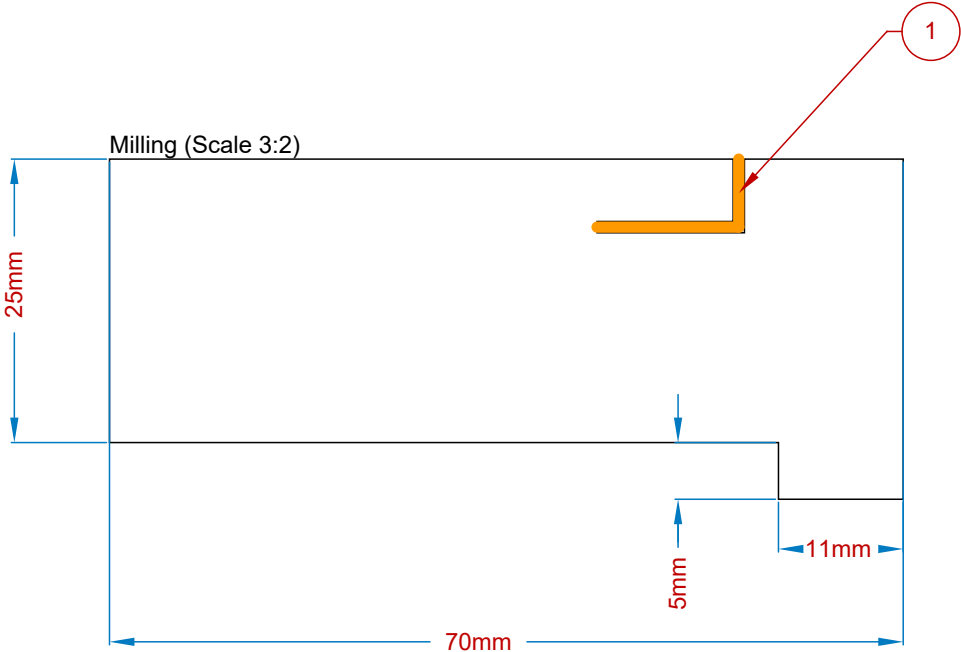
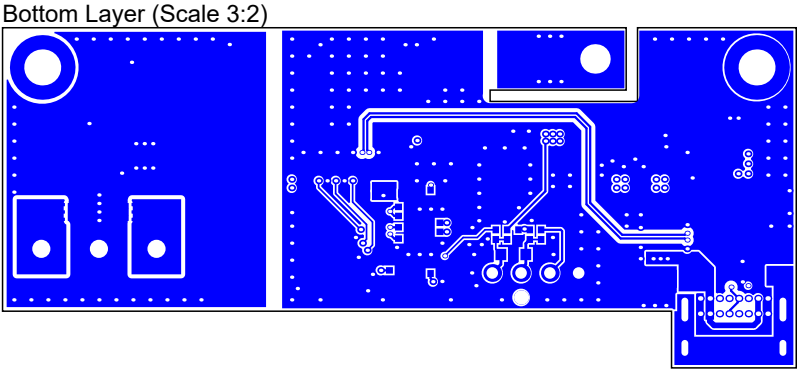
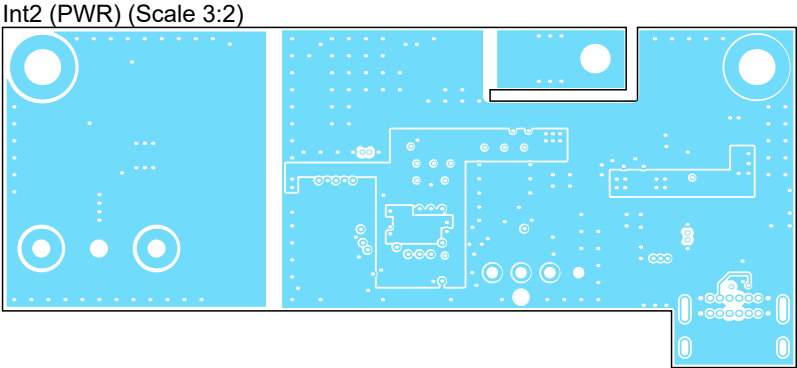
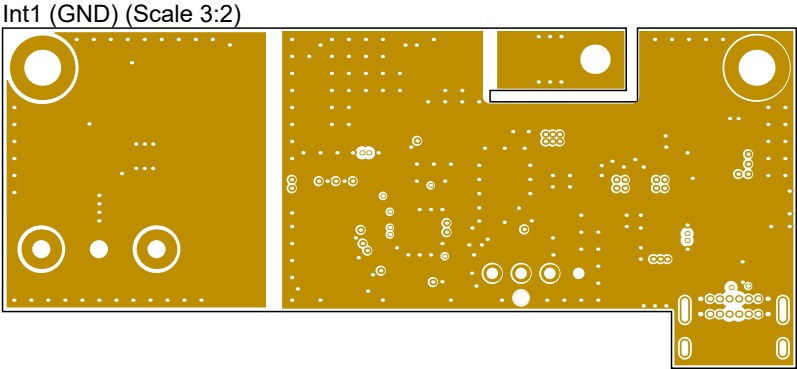
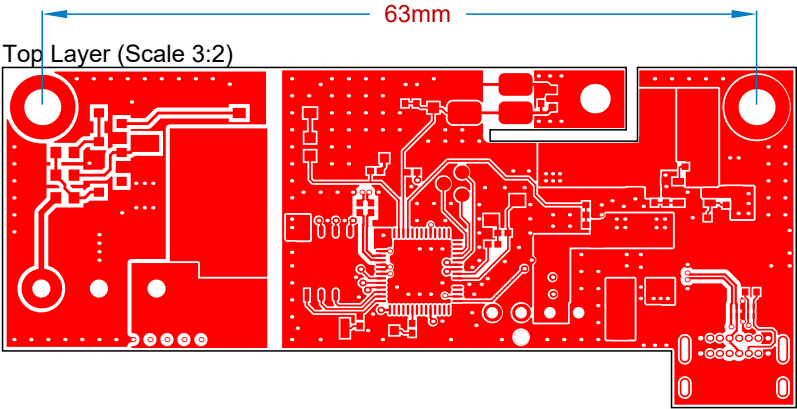


Licensed under CERN-OHL-S-2.0
© 2025 ADSTech [e-ddy]
<https://ohwr.org/licences/>

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
















Note:
① 1mm milled slot

Licensed under CERN-OHL-S-2.0
© 2025 ADSTech [e-ddy]
<https://ohwr.org/licences/>

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	ADSTech		
		DIMENSIONS ARE IN INCHES	DRAWN	ADS	19/11/2025	TITLE Bridge Discharger Manager V2		
		TOLERANCES:	CHECKED					
		FRACTIONAL±	ENG APPR.					
		ANGULAR: MACH± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. 0000		
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 2 OF 3

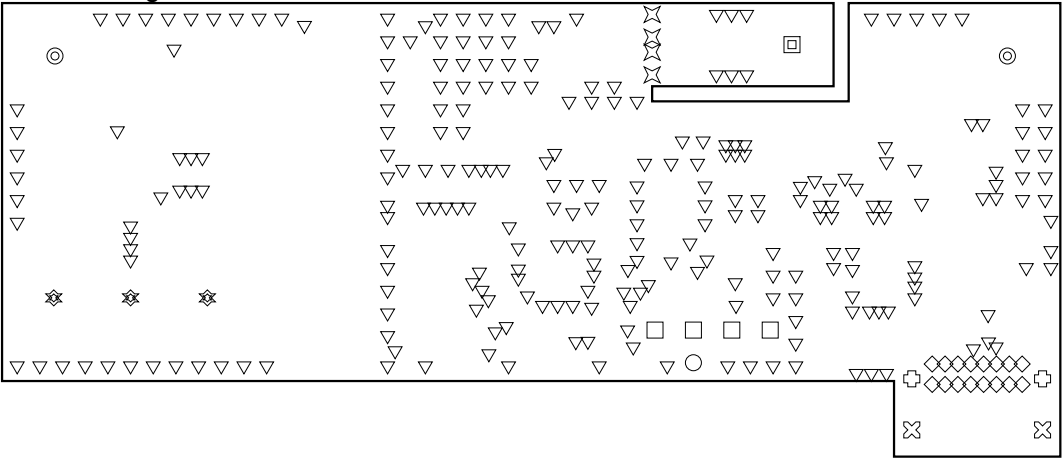
Layer Stack Legend

	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	Top Layer	0.04mm		Signal	GTL
	Prepreg		0.21mm	PP-017	Dielectric	
	CF-004	Int1 (GND)	0.02mm		Signal	G1
	Core		0.25mm	Core-039	Dielectric	
	CF-004	Int2 (PWR)	0.02mm		Signal	G2
	Prepreg		0.21mm	PP-017	Dielectric	
	CF-004	Bottom Layer	0.04mm		Signal	GBL
	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	

Licensed under CERN-OHL-S-2.0
© 2025 ADSTech [e-ddy]
<https://ohwr.org/licences/>

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