

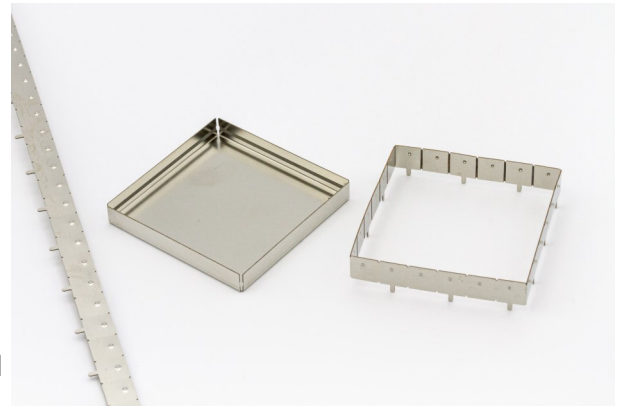


ORBEL CORPORATION

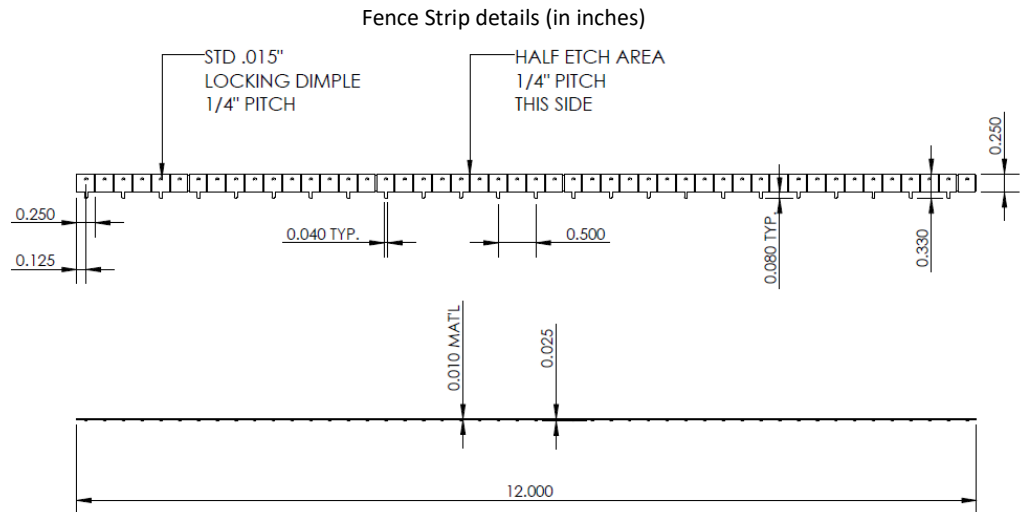
Groove-Loc™ Board Level Shielding
Shielding Tomorrow's Technology

Orbel, the recognized leader in standard and custom Board Level Shielding, now offers the Groove-Loc™ EMI Shield assembly.

The Groove-Loc™ is an ideal way to prototype your next board shielding requirement. The fence strips can be bent into any rectangular frame shape and trimmed to fit, and a companion cover can easily be ordered and made to the exact specifications to ensure a reliable fit. The Groove-Loc™ incorporates a dimpled feature on the fence and a matching groove on the cover that allows for easy mating and locking of the shield.



Orbel uses a highly solderable Nickel Silver Alloy to produce the Groove-Loc™. This choice in material makes the Groove-Loc™ ideal for prototyping shield size and configurations, but can also serve as a solution for any shielding applications in low to medium volume production capacity.



GROOVE-LOC SPECS:

- Fence Strip Length: 12"
- Bend Point Spacing: 0.25"
- Heights: 0.25", 0.5", 1"
- Mounting Pins:
0.08" L x 0.04" W, 0.5" pitch with 0.125" offset
- Std Material: 0.01" Alloy 770 Nickel Silver
- Shielding Effectiveness: up to 60dB

GROOVE-LOC FEATURES INCLUDE:

- Available in Tin-Plated Steel
- Bendable/Formable Fence Strips
- Dimpled Locking Mechanism on Fence
- Grooved Locking System on Cover
- Pre-Designed & Custom Cover Options
- Easy Cover Mating & Locking
- RoHS Compliant
- Available through Orbel's Partnered Distributors

Orbel Corporation

info@orbel.com

Orbel.com

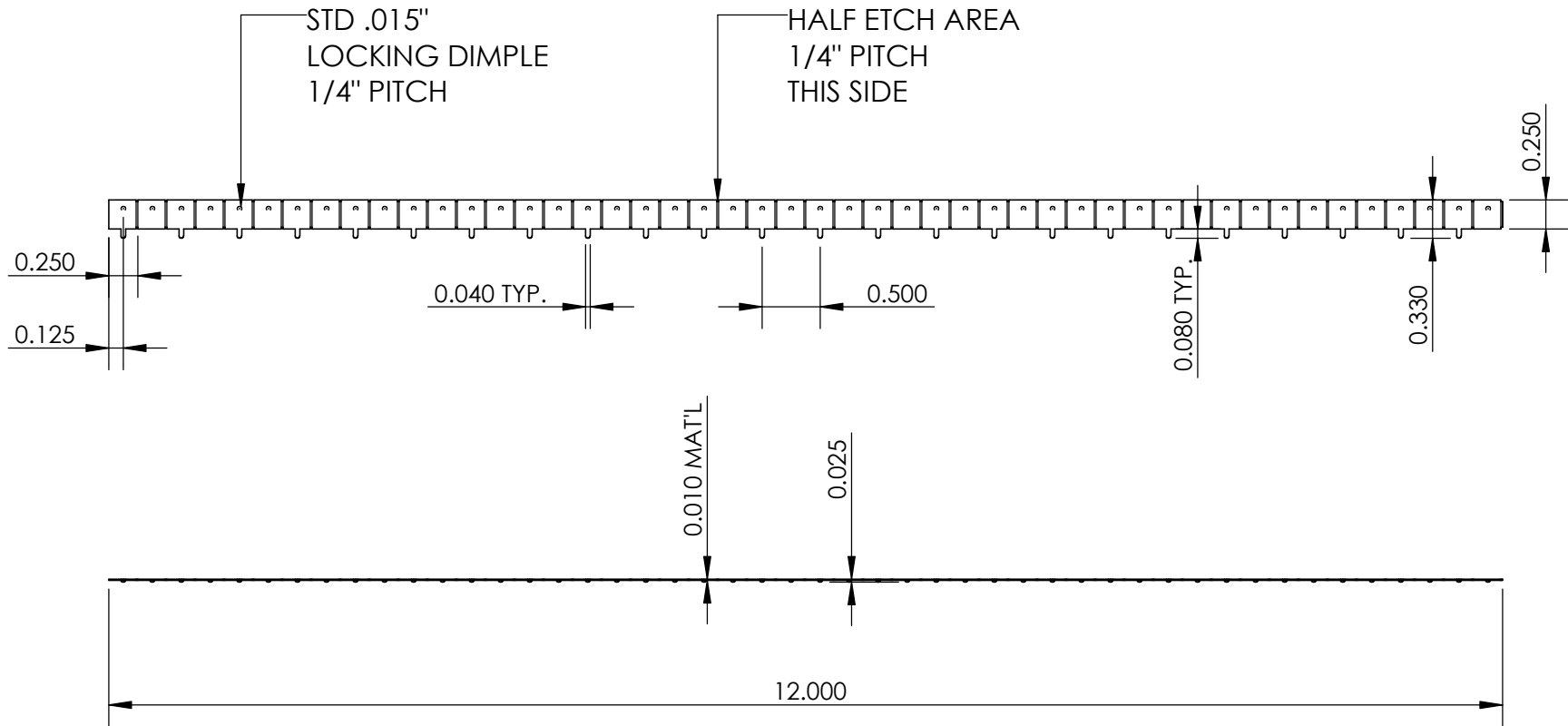
2 Danforth Drive, Easton PA


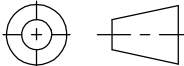
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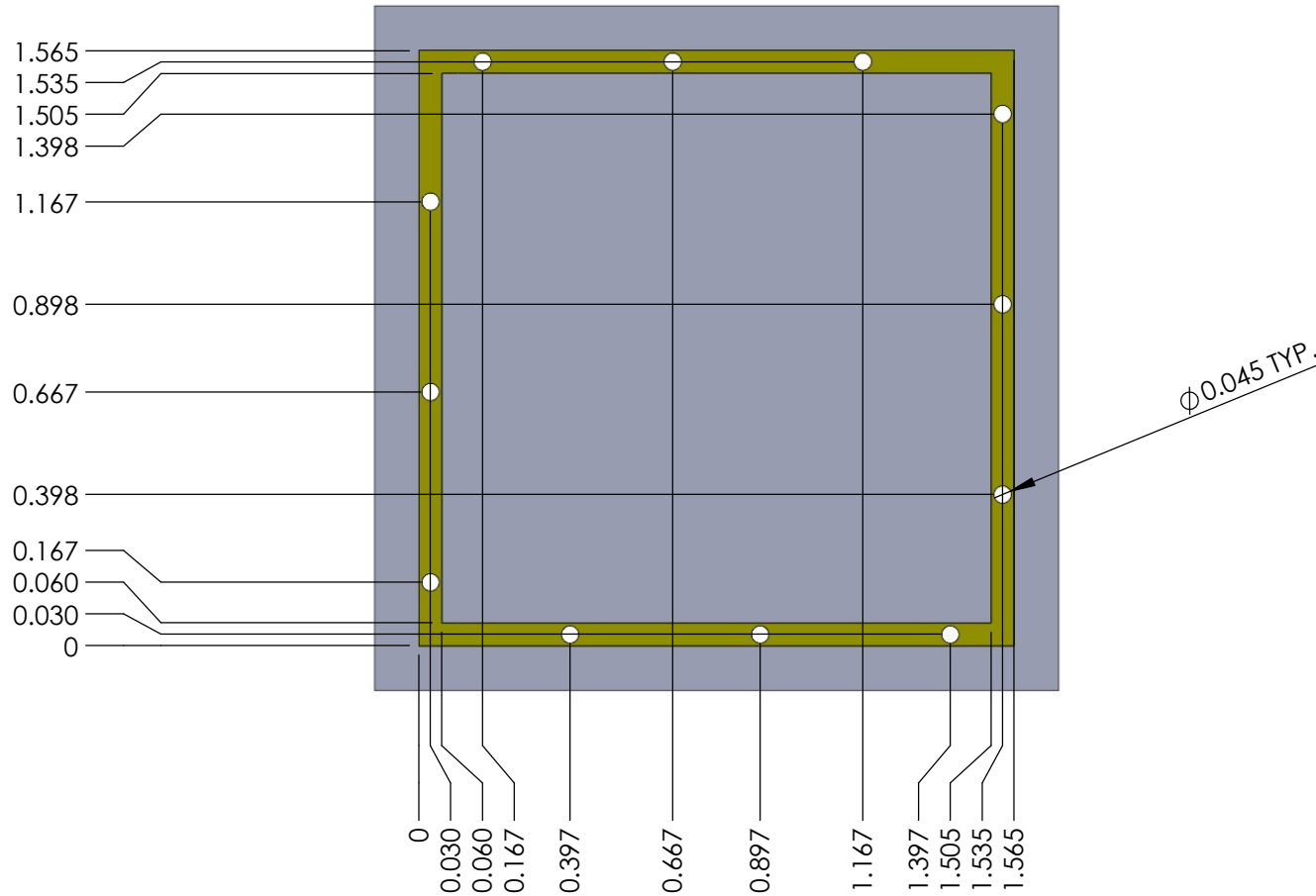



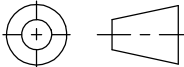
DIMPLES DOWN HALF-ETCHING UP



RoHS Compliant		DIMENSIONS ARE IN INCHES		NAME	DATE			
THIRD ANGLE PROJECTION		TOLERANCES:		DRAWN	TNC		6/17/2020	
DO NOT SCALE DRAWING		FRACTIONAL ±		CHECKED				
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		TWO PLACE DECIMAL ± .015		MFG APPR.				
		THREE PLACE DECIMAL ± .010		Q.A.				
		MATERIAL:		COMMENTS:		ORBEL PN: 70RF10061F		
		.010" NICKEL SILVER, 1/2 HARD				REF DWG: -		
		FINISH:				SIZE A	REV. 01	
		WEIGHT:				SCALE: 2:3	CAGE CODE: 57DU2	SHEET 1 OF 2

SAMPLE TRACE PATTERN 1.50"x1.50"



RoHS Compliant		DIMENSIONS ARE IN INCHES		NAME	DATE		
THIRD ANGLE PROJECTION 		TOLERANCES:		DRAWN	TNC		6/17/2020
DO NOT SCALE DRAWING		FRACTIONAL ±		CHECKED			
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		MATERIAL:		MFG APPR.			
		FINISH:		Q.A.			
		WEIGHT:		COMMENTS:		ORBEL PN: 70RF10061F	
						REF DWG: -	
						SCALE: 2:1 CAGE CODE: 57DU2 SHEET 2 OF 2	
						SIZE A REV. 01	