



Final Inch® BOR

Connector Design Kit

UEC5-XXX-2-X-D-RA-1

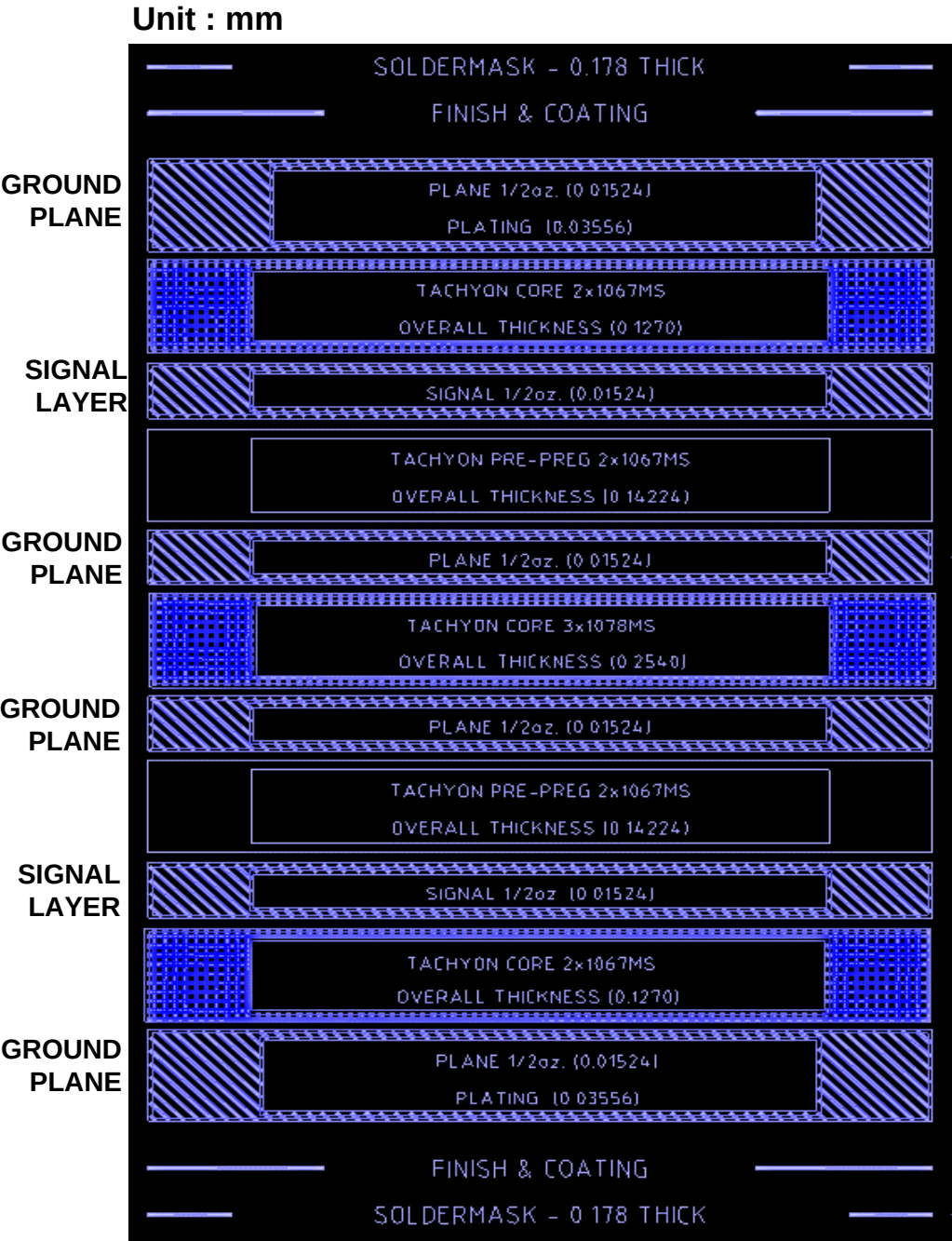
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6-LAYERS STACK-UP



Pin Mapping Diagram

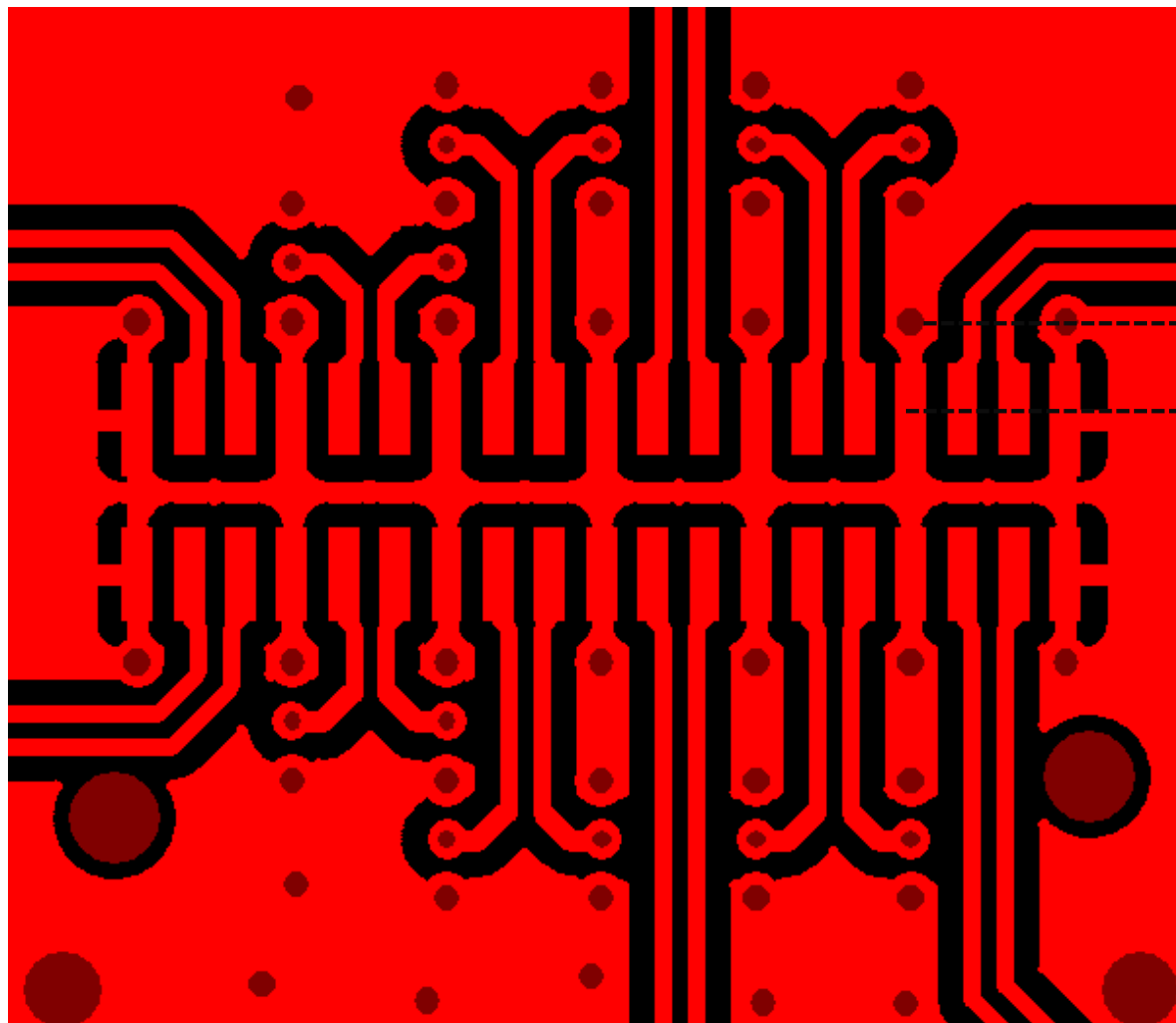


UEC5-XXX-2-X-D-RA-1 SIGNAL MAPPING																		
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19
G	PAIR		G	PAIR		G	PAIR		G	PAIR		G	PAIR		G	PAIR		G
G	PAIR		G	PAIR		G	PAIR		G	PAIR		G	PAIR		G	PAIR		G
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19

Recommended Routing Breakout

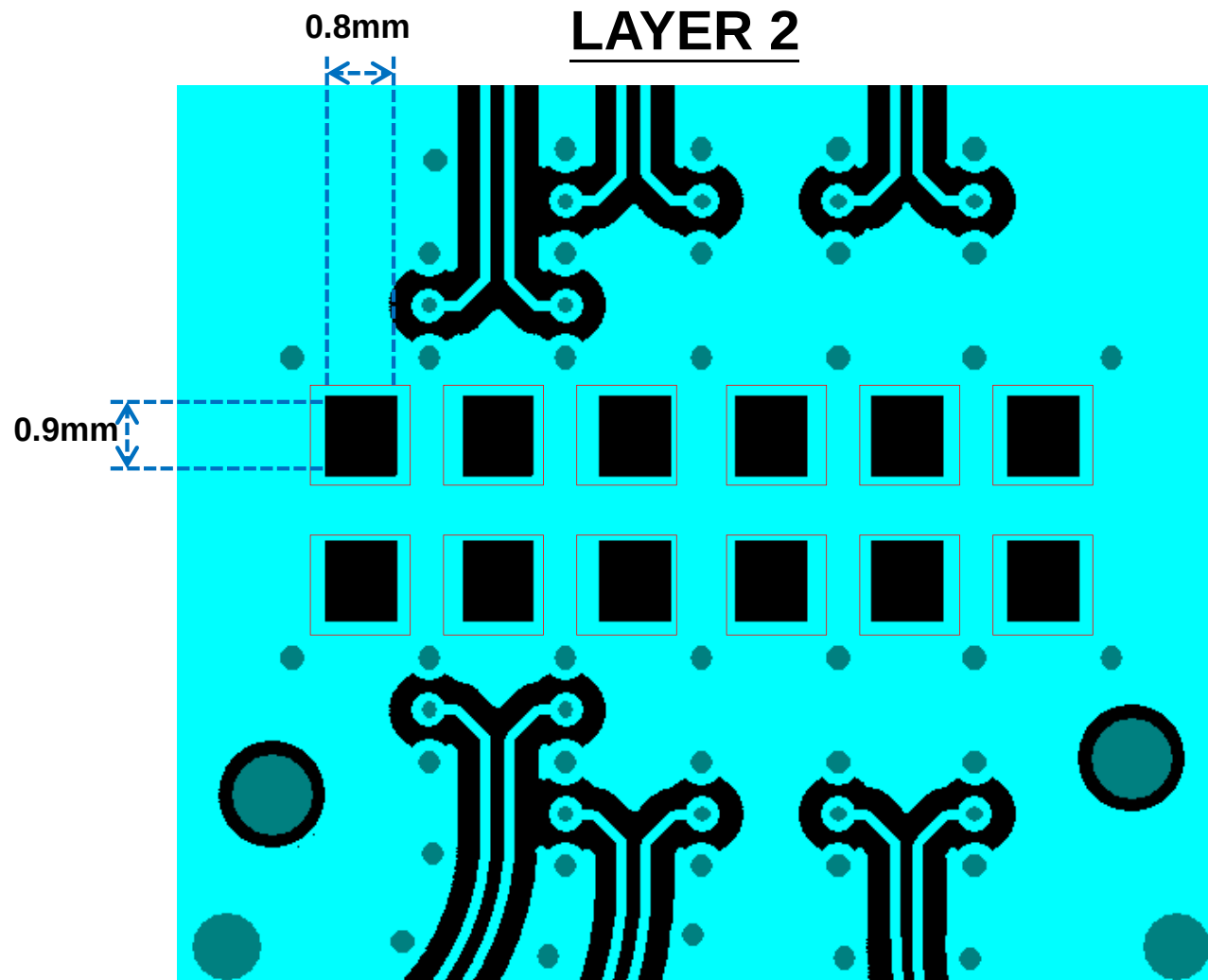


LAYER 1



0.0374 inch (center to center)

Recommended Routing Breakout

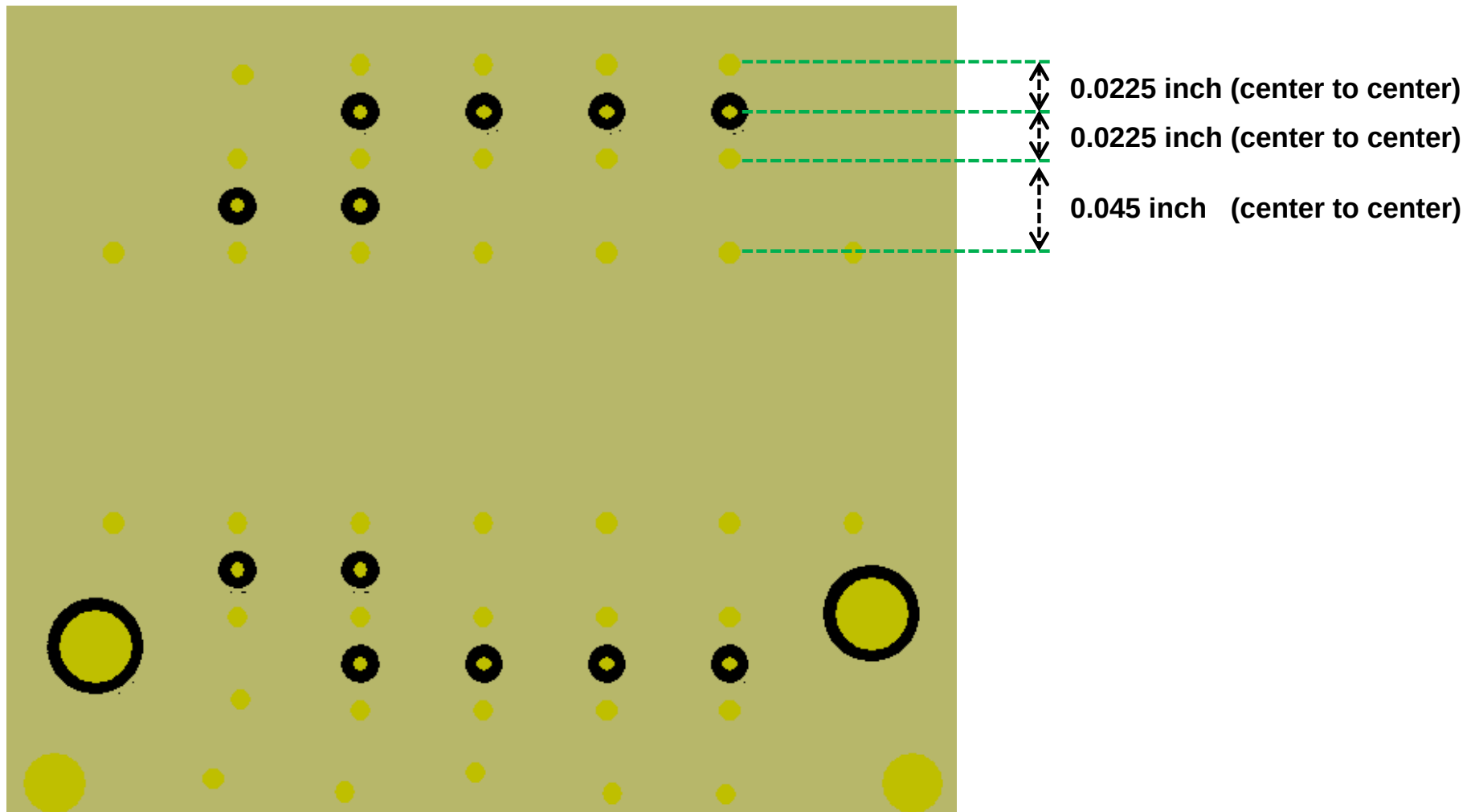


- The shape in red rectangles are GND cut on layer2.

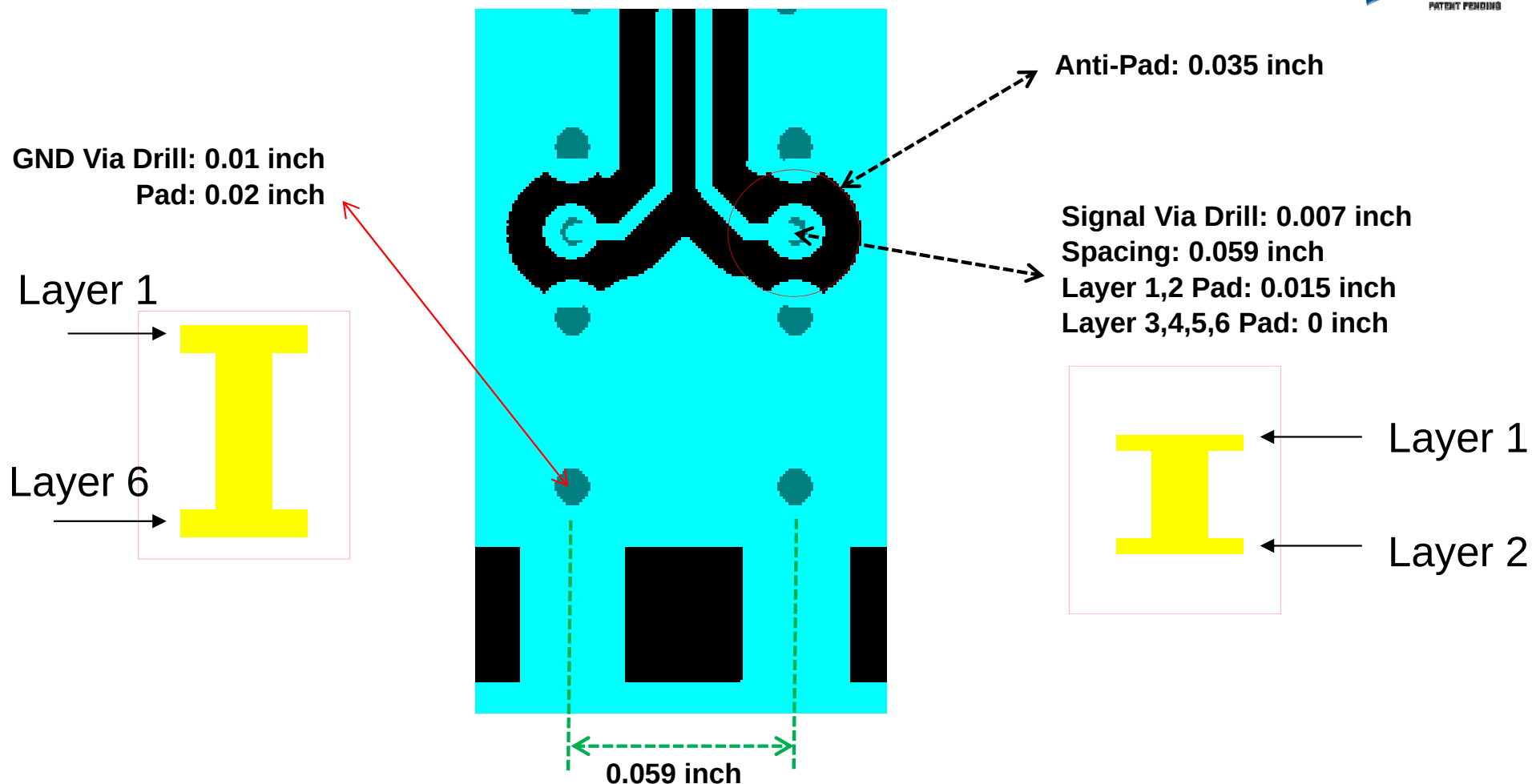
Recommended Routing Breakout



LAYER 3(Same as Layer 4,5,6)



Signal and GND Via PAD-STACK

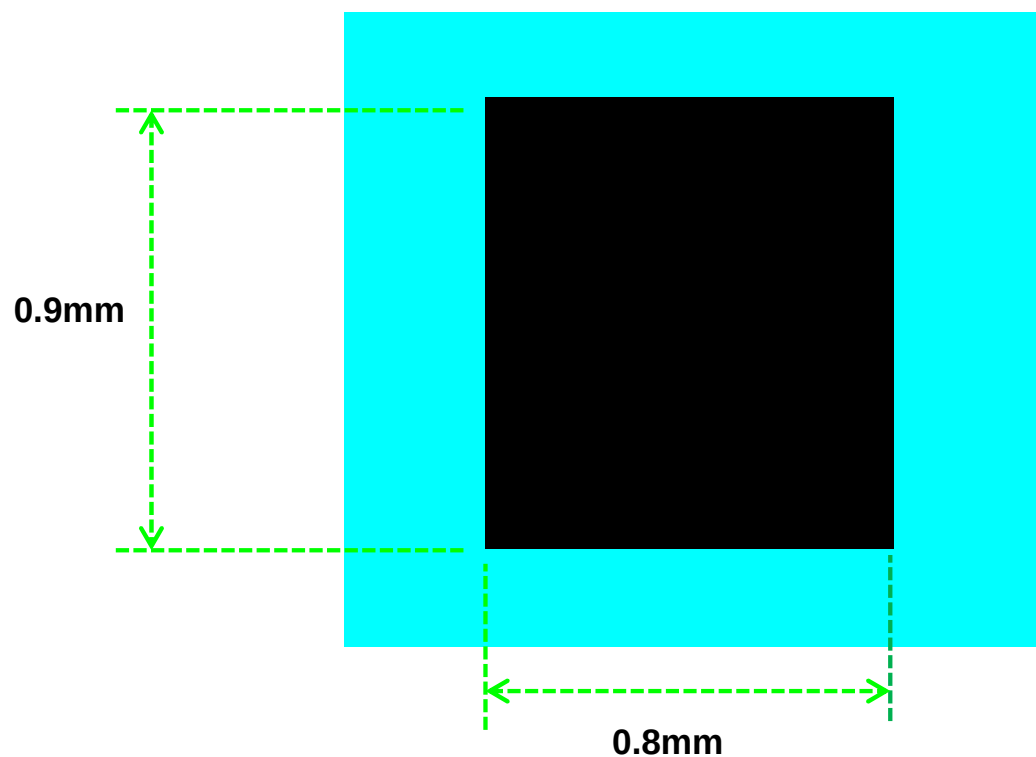


- Remove the unused pad for Signal Via is highly recommended for better performance.

Launch Details of BOR



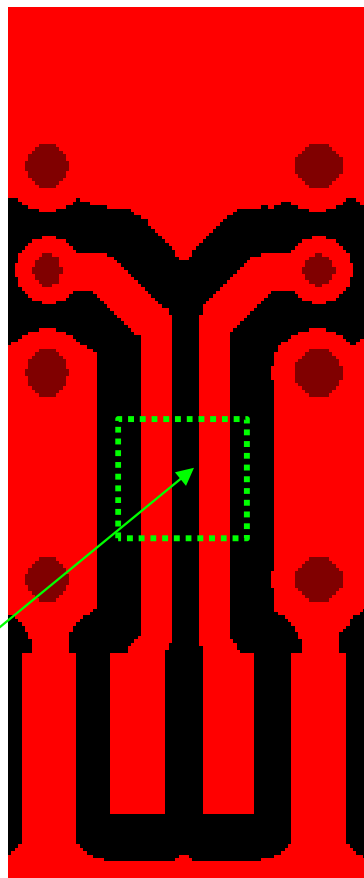
Ground Cutout (Layer2)



Launch Details of BOR

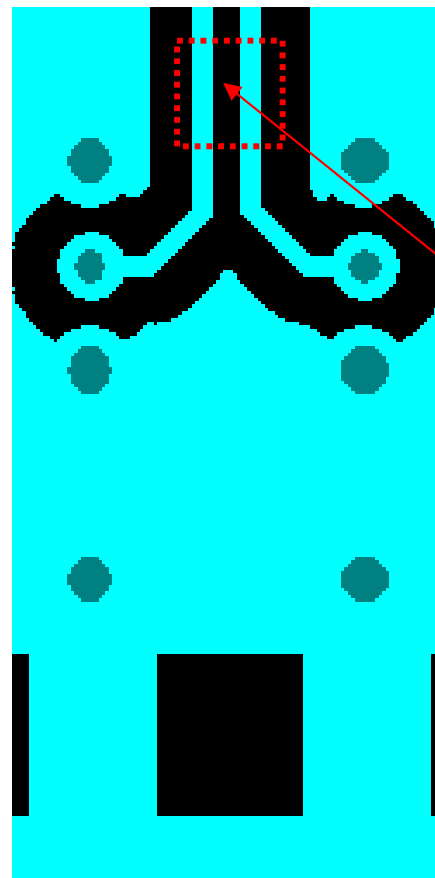


LAYER 1



Diff Pair:
Width:0.0065 inch
Gap:0.006 inch

LAYER 2



Diff Pair:
Width:0.0043 inch
Gap:0.006 inch

Launch Details of BOR



Layer 3(Same as Layer 4,5,6)

