


NOTES (Unless otherwise specified)

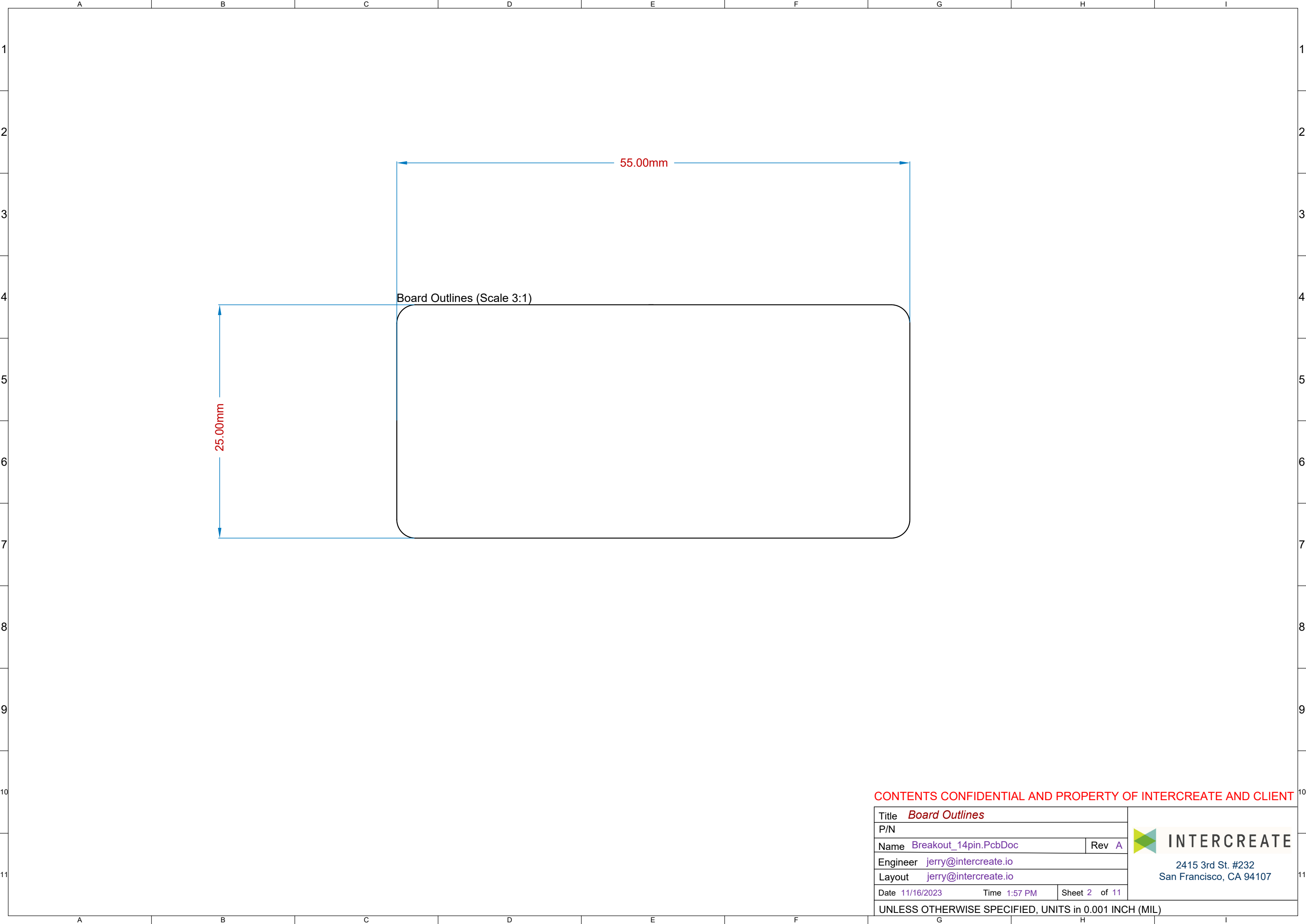
PCB MATERIAL	FR4 or similar
SOLDER	ENIG per IPC-4552
WASHABLE	YES
COPPER WEIGHT FOR OUTER LAYERS	1oz
PCB PLATING	ENIG per IPC-4552
VIA SIZE	See Drill Table
VIA IN PAD	NO
VIA FILL	NO
VIA TENTING	BOTH SIDES
SOLDER MASK COLOR	GRAY
SILK SCREEN COLOR	WHITE
ACCEPTANCE	IPC-A-600 Class II
PCB FINISH	IPC-4552

Layer Stack Legend


Material	Layer	Thickness	Dielectric Material	Type	Gerber	Dk
	Top Overlay			Legend	GTO	
Surface Material	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS	3.5
Copper	Top Layer	0.036mm		Signal	GTL	
		1.500mm	FR-4	Dielectric		4.8
Copper	Bottom Layer	0.036mm		Signal	GBL	
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS	3.5
	Bottom Overlay			Legend	GBO	
Total thickness: 1.591mm						

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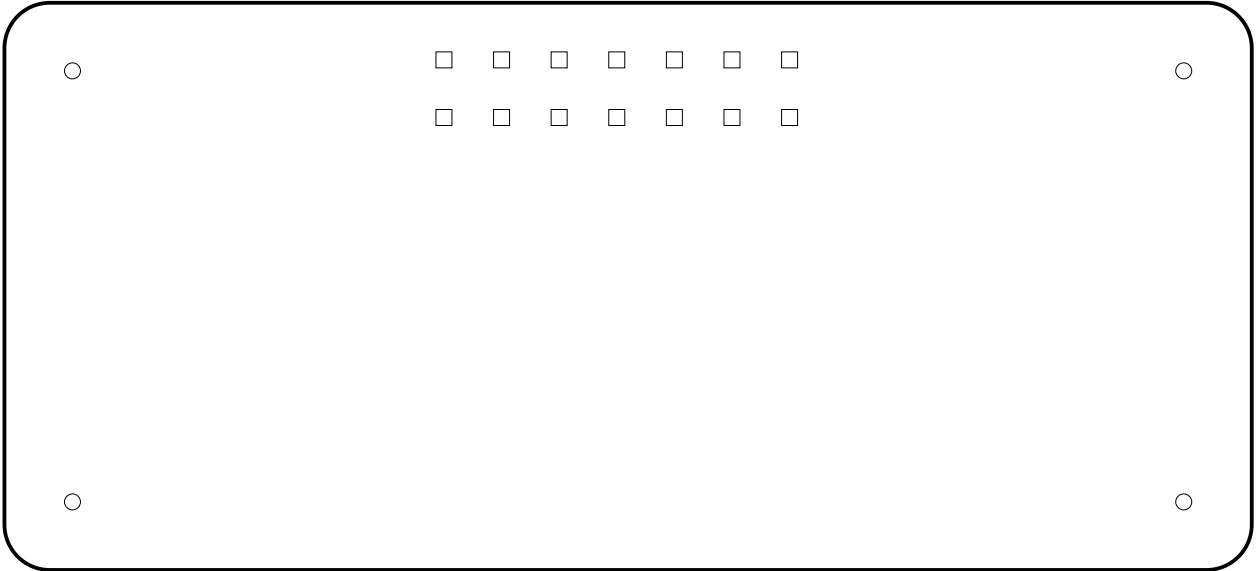
Title <b>FABRICATION DRAWING</b>			<div> <b>INTERCREATE</b></div> <div>2415 3rd St. #232 San Francisco, CA 94107</div>	
P/N				
Name Breakout_14pin.PcbDoc	Rev A			
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 11/16/2023	Time 1:57 PM	Sheet 1 of 11		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				



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Title <i>Board Outlines</i>			 <b>INTERCREATE</b>  2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_14pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
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Date 11/16/2023	Time 1:57 PM	Sheet 2 of 11	
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Drill Drawing View (Scale 3:1)



Drill Table

Symbol	Count	Hole Size	Plated
□	14	40.158mil	Plated
○	4	98.425mil	Plated
	18 Total		

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Title <i>DRILL DRAWING</i>			 <b>INTERCREATE</b>  2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_14pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 11/16/2023	Time 1:57 PM	Sheet 3 of 11	
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Top Overlay (Scale 3:1)

2468101214

135791113

INTERCREATE

14 pin


1

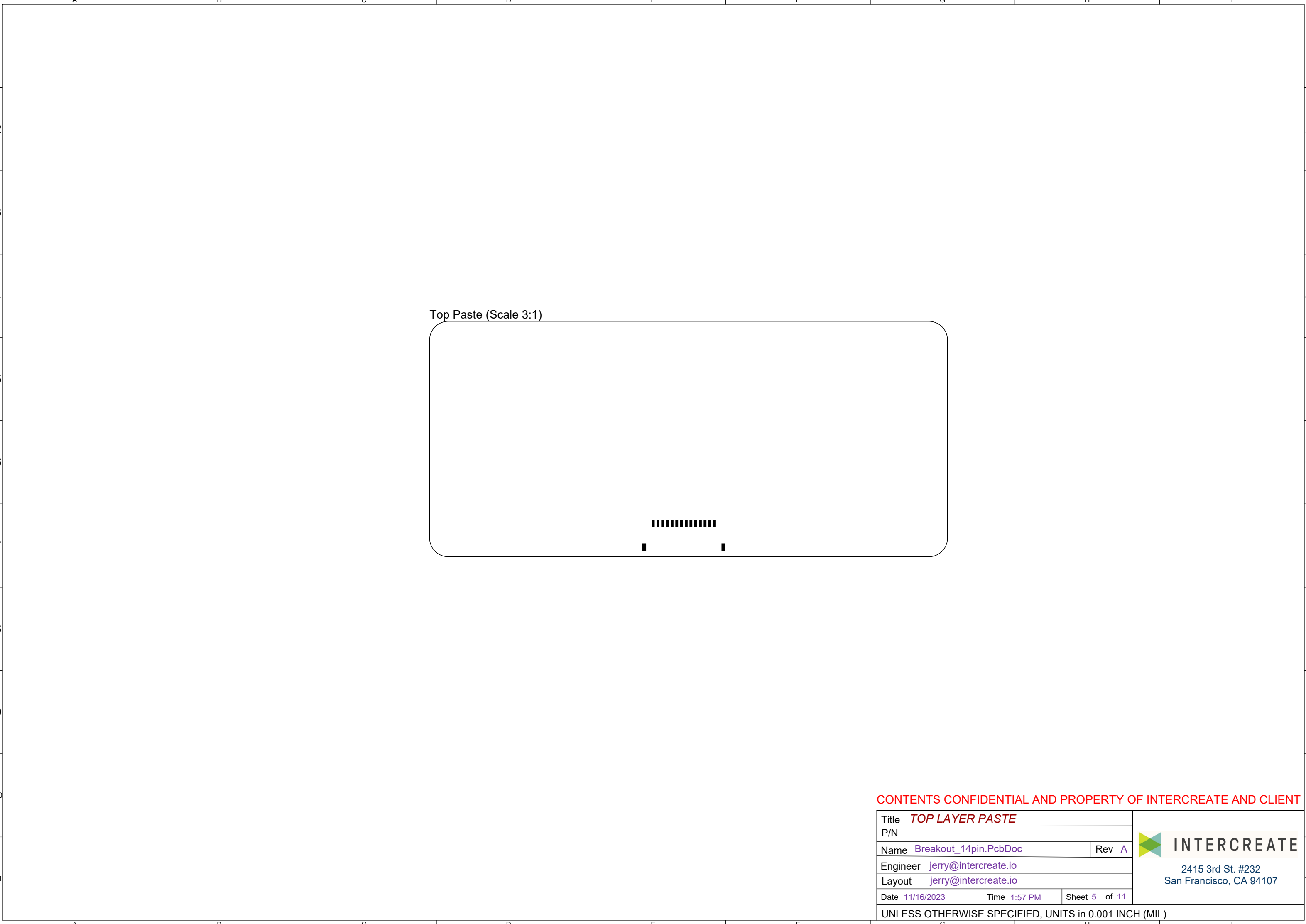
14

0.5mm - TOP


1.0mm - BOT

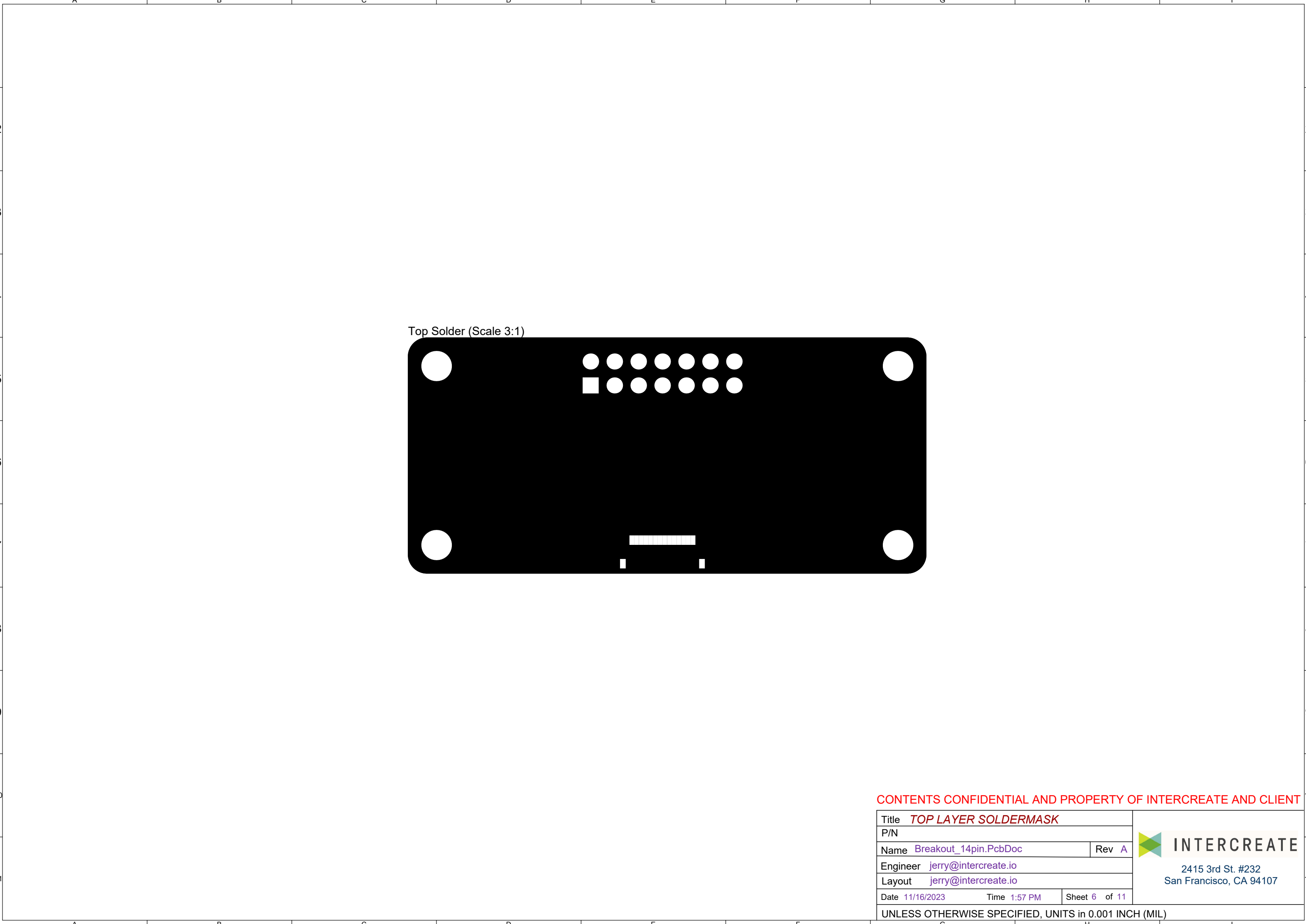
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Title <i>TOP LAYER SILKSCREEN</i>			 <b>INTERCREATE</b>  2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_14pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 11/16/2023	Time 1:57 PM	Sheet 4 of 11	
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Title <i>TOP LAYER PASTE</i>			 <b>INTERCREATE</b> 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_14pin.PcbDoc</i>		Rev <i>A</i>	
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>11/16/2023</i>	Time <i>1:57 PM</i>	Sheet <i>5</i> of <i>11</i>	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			

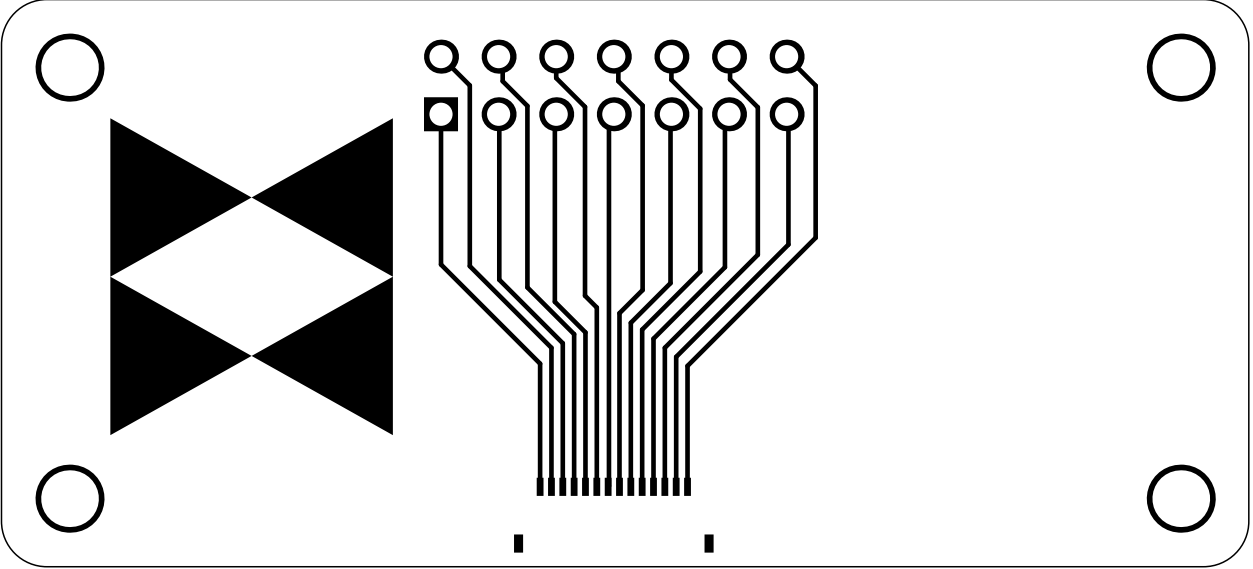


Top Solder (Scale 3:1)


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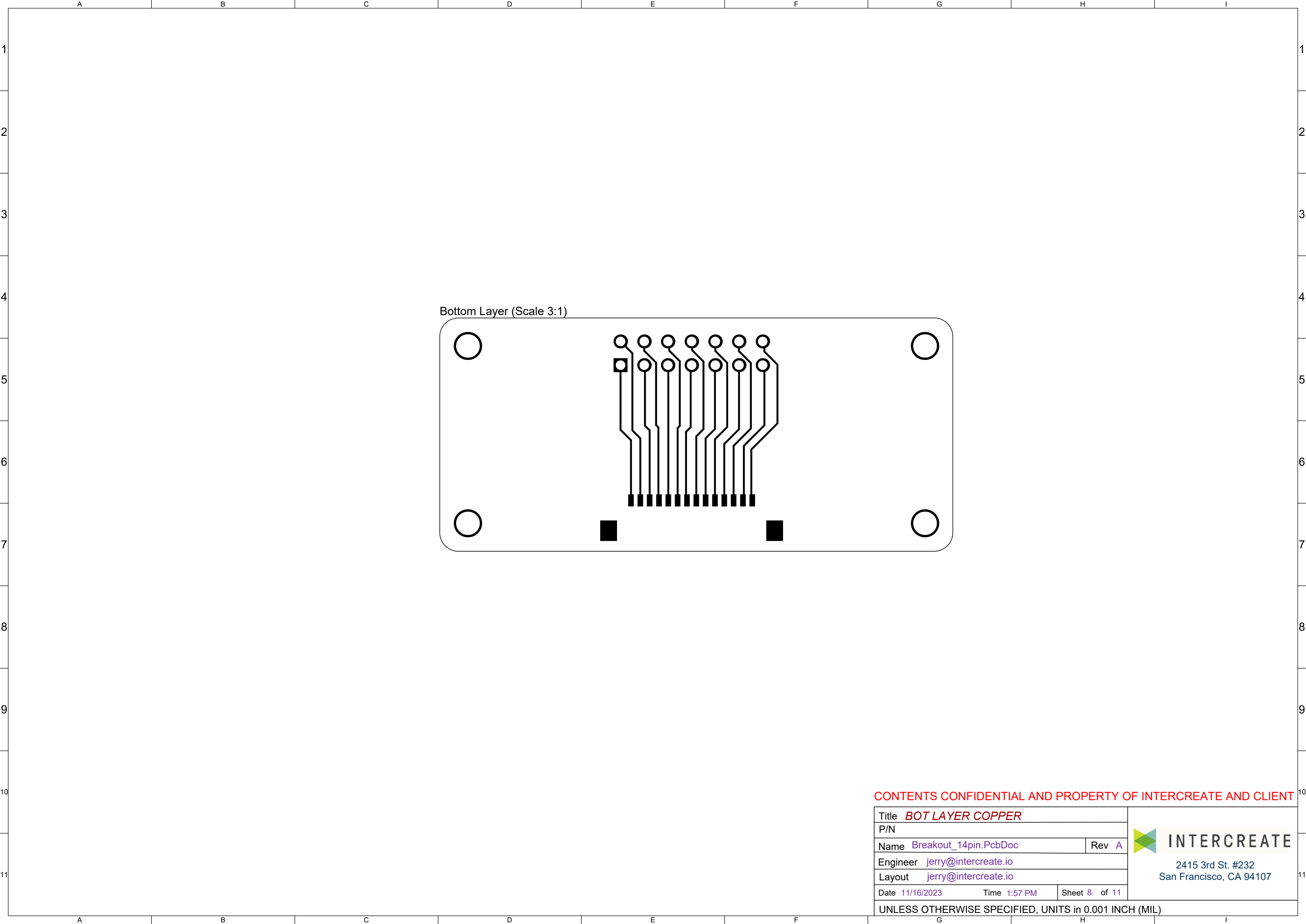
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P/N			
Name <i>Breakout_14pin.PcbDoc</i>		Rev <i>A</i>	
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>11/16/2023</i>	Time <i>1:57 PM</i>	Sheet <i>6</i> of <i>11</i>	
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Top Layer (Scale 3:1)

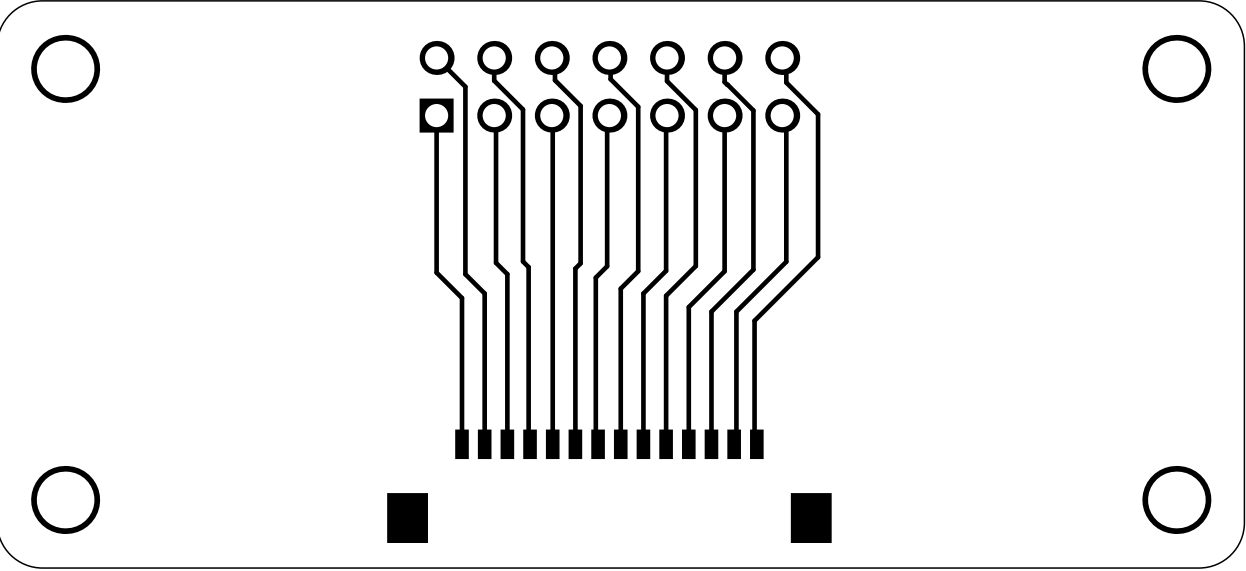


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Title <i>TOP LAYER COPPER</i>			 <b>INTERCREATE</b>  2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_14pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>11/16/2023</i>	Time <i>1:57 PM</i>	Sheet <i>7</i> of <i>11</i>	
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Bottom Layer (Scale 3:1)

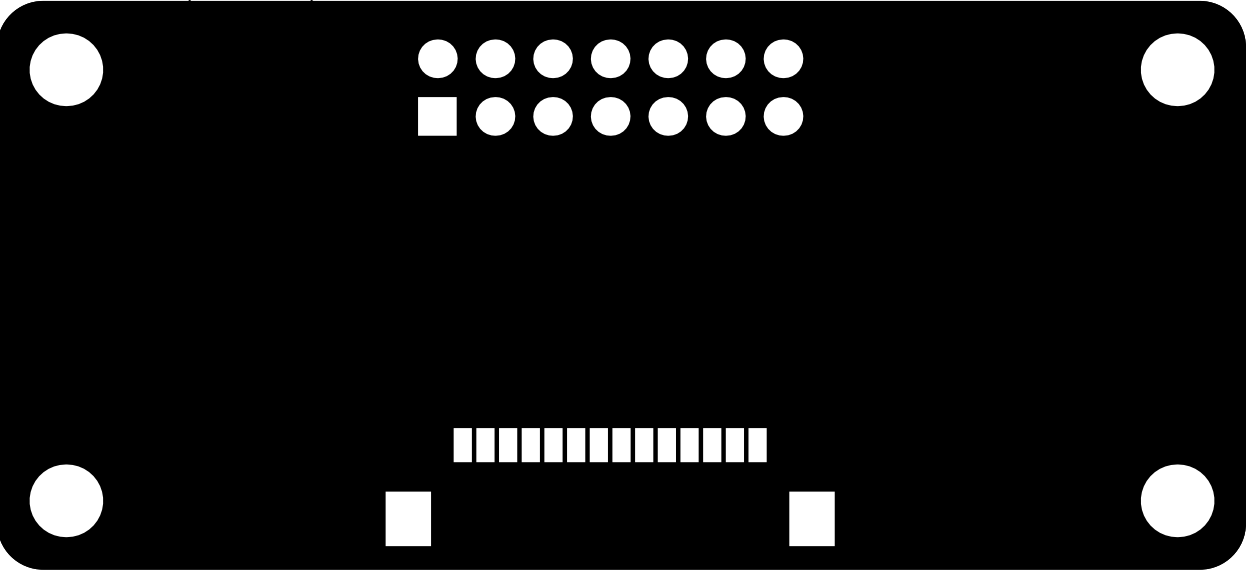


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Title <b>BOT LAYER COPPER</b>			 <b>INTERCREATE</b>  2415 3rd St. #232 San Francisco, CA 94107	
P/N				
Name <b>Breakout_14pin.PcbDoc</b>	Rev <b>A</b>			
Engineer <b>jerry@intercreate.io</b>				
Layout <b>jerry@intercreate.io</b>				
Date <b>11/16/2023</b>	Time <b>1:57 PM</b>	Sheet <b>8</b> of <b>11</b>		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				

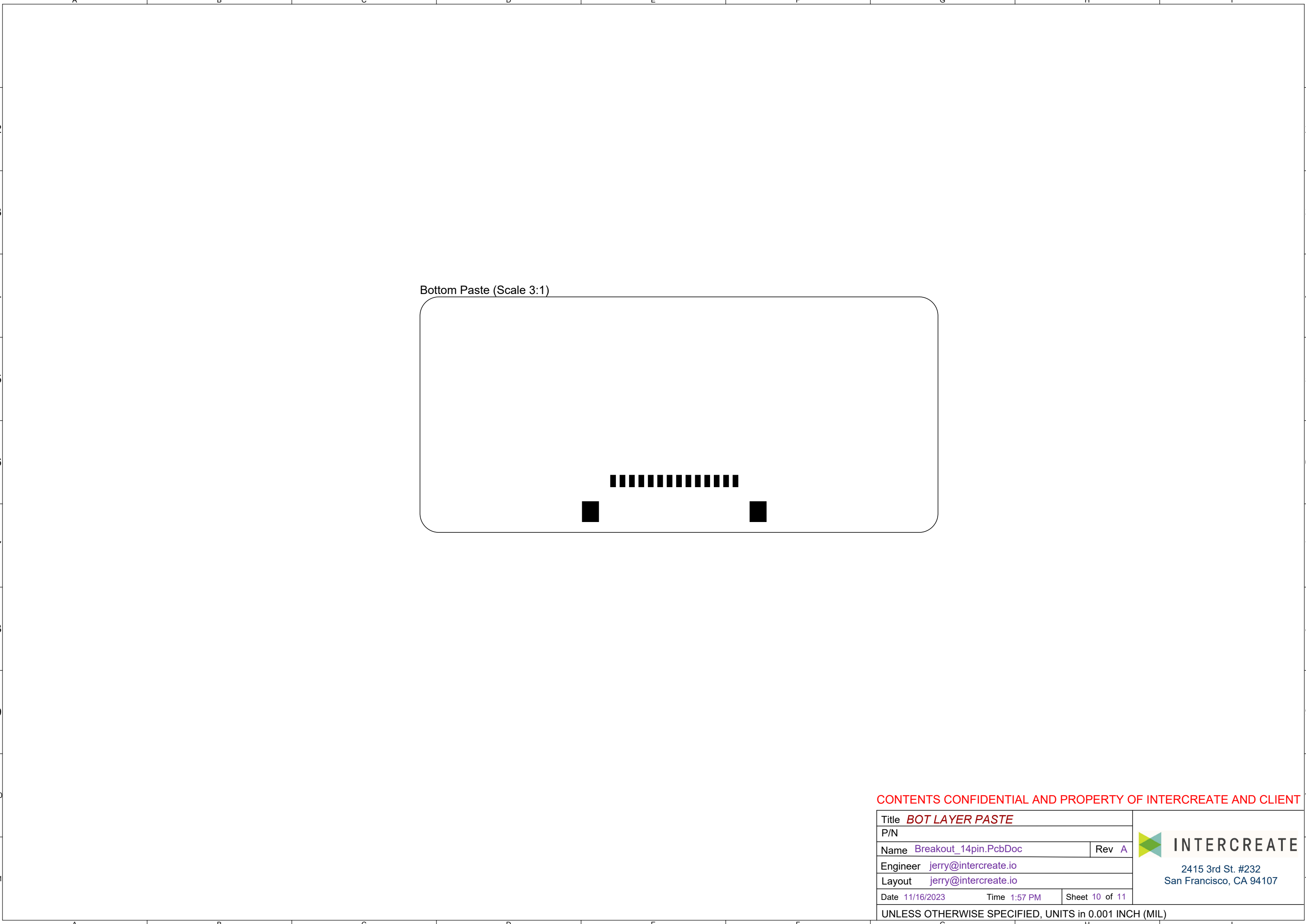


Bottom Solder (Scale 3:1)




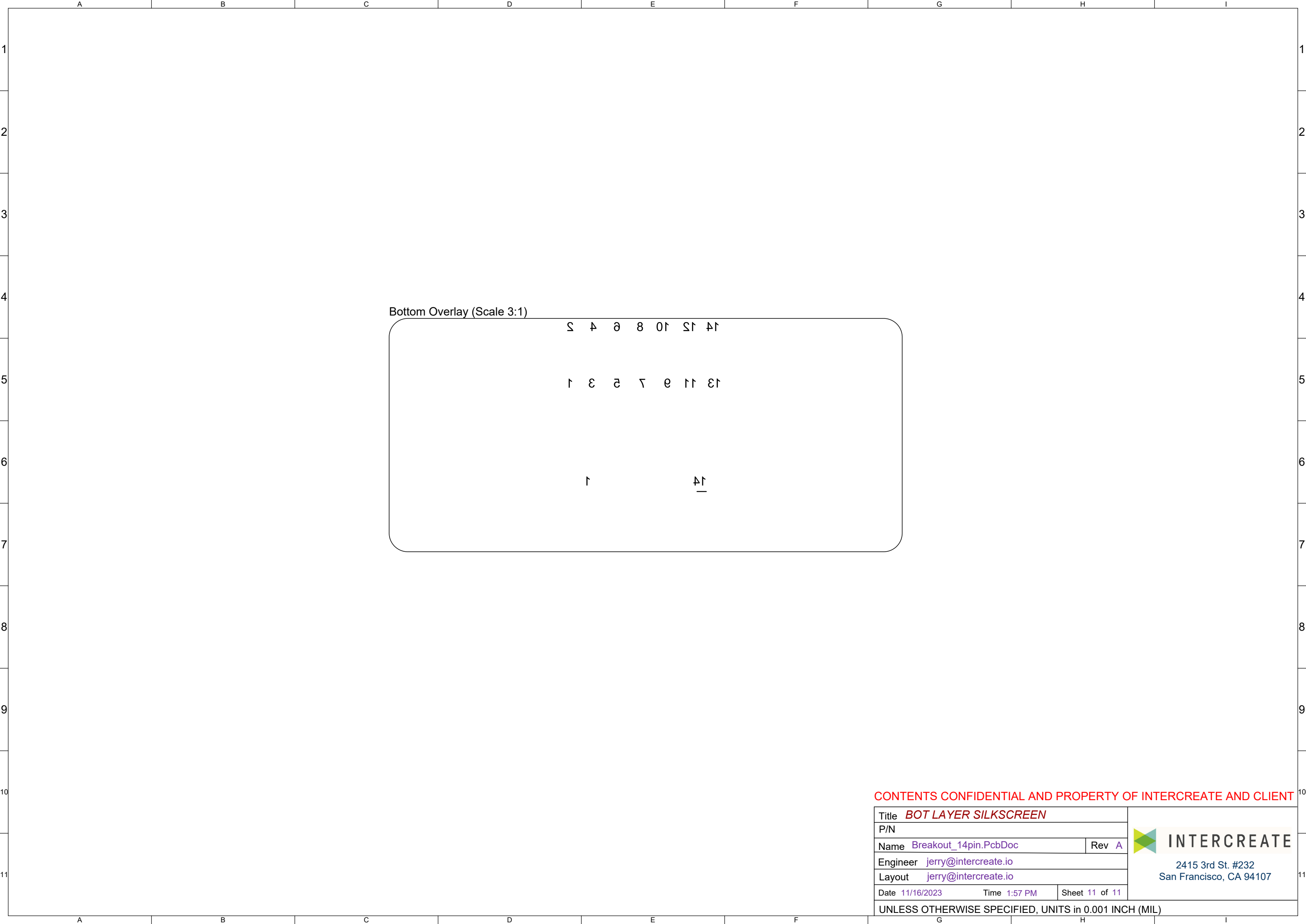
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Title <i>BOT LAYER MASK</i>			 <b>INTERCREATE</b>  2415 3rd St. #232 San Francisco, CA 94107	
P/N				
Name Breakout_14pin.PcbDoc	Rev A			
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 11/16/2023	Time 1:57 PM	Sheet 9 of 11		
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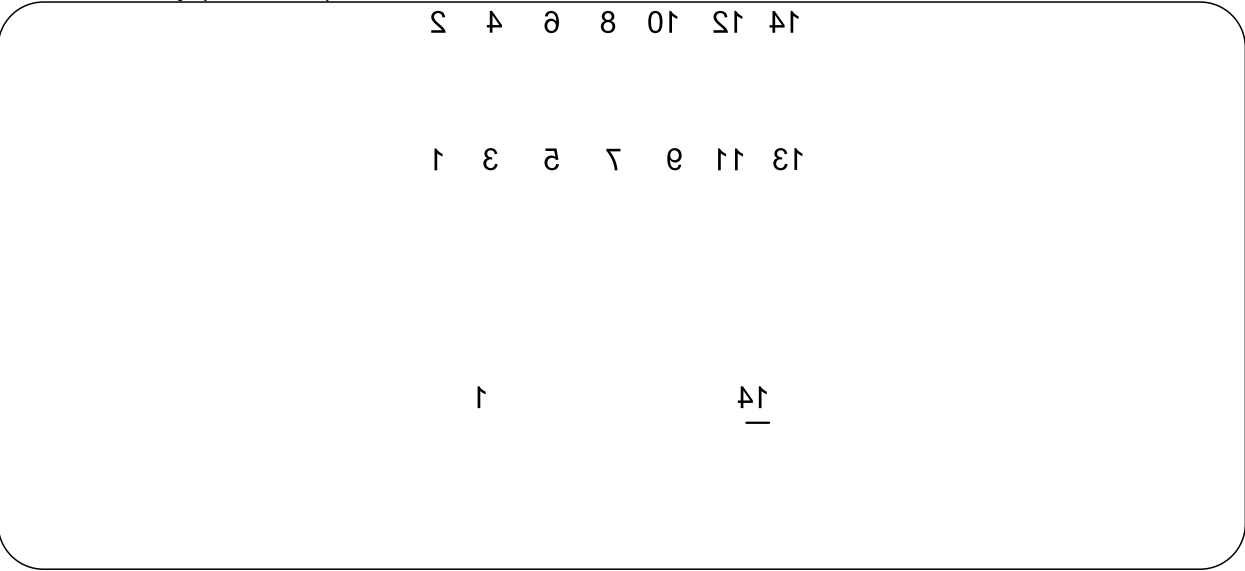


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Title <i><b>BOT LAYER PASTE</b></i>			<div> <b>INTERCREATE</b> 2415 3rd St. #232 San Francisco, CA 94107</div>		
P/N					
Name <i>Breakout_14pin.PcbDoc</i>		Rev <i>A</i>			
Engineer <i>jerry@intercreate.io</i>					
Layout <i>jerry@intercreate.io</i>					
Date <i>11/16/2023</i>	Time <i>1:57 PM</i>	Sheet <i>10</i> of <i>11</i>			
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Bottom Overlay (Scale 3:1)



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P/N			
Name <i>Breakout_14pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>11/16/2023</i>	Time <i>1:57 PM</i>	Sheet <i>11</i> of <i>11</i>	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			