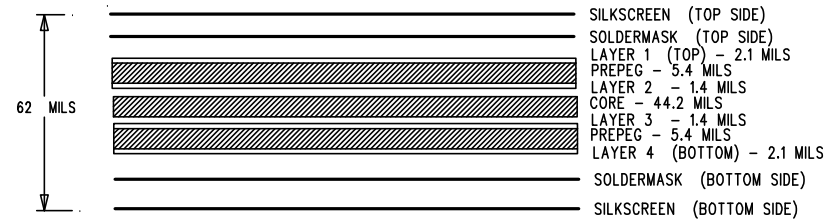
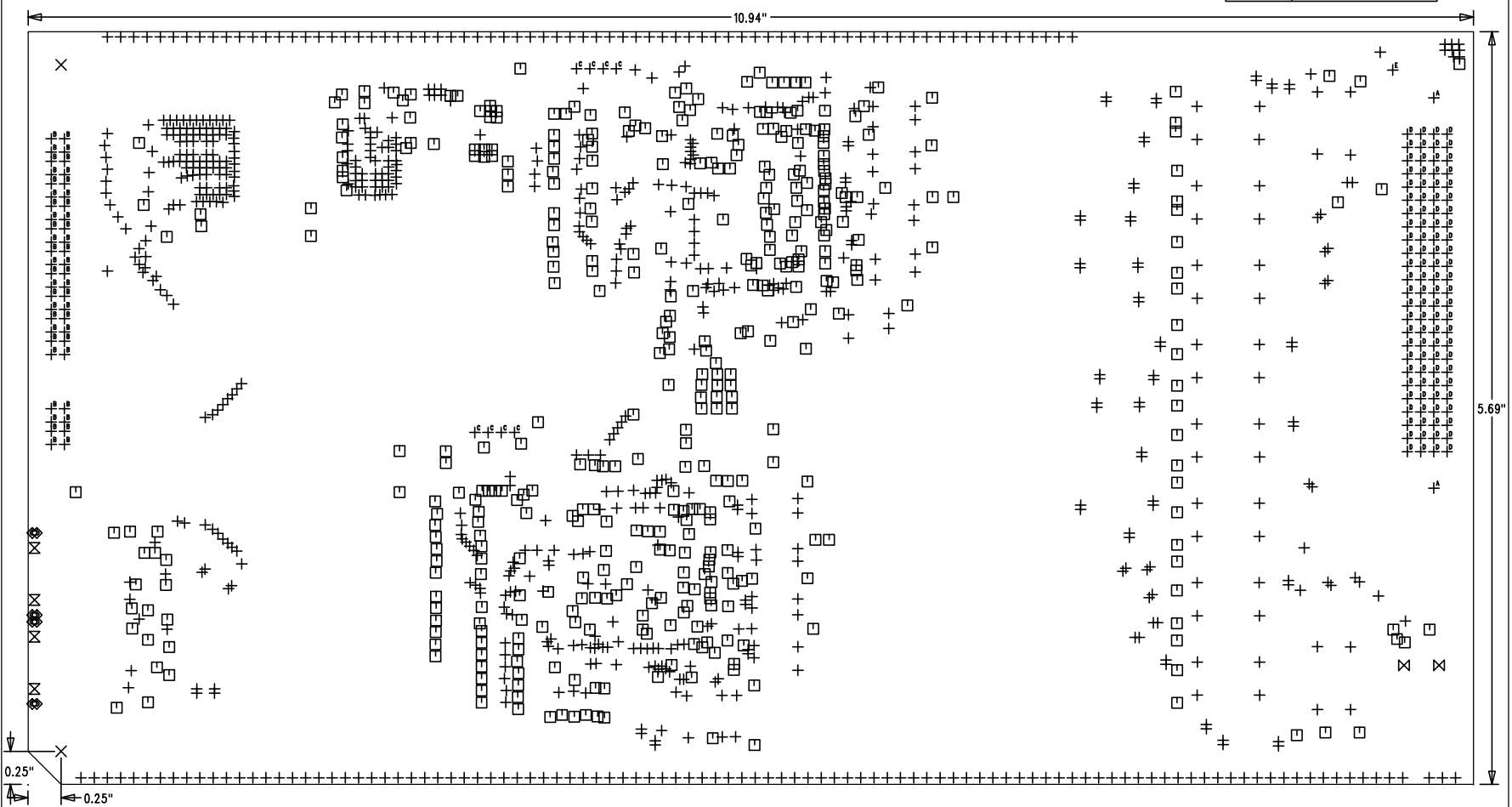


STACK-UP DETAIL - 4 LAYER



COMPRESSOR CONTROLS CORPORATION  
17-425400-001 REV 1  
DATE: 19-05-11

IES	
LAYER	FAB DRAWING
PART NO	17-425400-001
REV	1
DATE	19 MAY 2011



SIZE	QTY	SYM	PLATED	TOL
12	810	+	YES	+/- 3
150	2	×	YES	+/- 3
20	425	□	YES	+/- 3
31.5 x 66.93	4	◇	YES	+/- 3
64.96	4	⊗	NO	+/- 2
63	2	⊗	YES	+/- 3
120	2	⊕ <sup>A</sup>	YES	+/- 3
35.43	48	⊕ <sup>B</sup>	YES	+/- 3
37	8	⊕ <sup>C</sup>	YES	+/- 3
35	100	⊕ <sup>D</sup>	YES	+/- 3
145	1	⊕ <sup>E</sup>	NO	+/- 2

PWB FABRICATION SPECIFICATIONS	
MATERIAL:	<input checked="" type="checkbox"/> FR4 EPOXY GLASS <input checked="" type="checkbox"/> 180 deg Tg
FINISHED MATERIAL THICKNESS	<input checked="" type="checkbox"/> 0.062 +0.005, -0.004
MEASURED OVER GOLD CONTACTS	<input type="checkbox"/> 0.063 +0.008, -0.008
WHEN APPLICABLE:	<input type="checkbox"/> OTHER _____
COPPER THICKNESS PLATED THROUGH HOLES:	<input checked="" type="checkbox"/> 0.001 MIN <input type="checkbox"/> OTHER _____
COPPER THICKNESS INTERNAL LAYERS:	<input type="checkbox"/> 1/2 oz. <input checked="" type="checkbox"/> 1 oz. <input type="checkbox"/> 2 oz. <input type="checkbox"/> OTHER
COPPER THICKNESS EXTERNAL LAYERS:	<input type="checkbox"/> 1/2 oz. <input checked="" type="checkbox"/> 1 oz. <input type="checkbox"/> 2 oz. <input type="checkbox"/> OTHER
PLATING:	<input type="checkbox"/> TIN LEAD <input checked="" type="checkbox"/> GOLD IMMERSION <input type="checkbox"/> FULL BODY GOLD
TIN LEAD REFLOW	0.0001 PLATED THROUGH HOLES
MINIMUM THICKNESS:	0.0004 PADS 0.00005 AT KNEE OF JOINT
TYPE OF REFLOW:	<input type="checkbox"/> I/R <input type="checkbox"/> HOT AIR <input type="checkbox"/> HOT OIL
MINIMUM ANNULAR RING (SOLDER SIDE):	<input checked="" type="checkbox"/> 0.001 <input type="checkbox"/> 0.005 NO BREAKOUT ALLOWED
MIN CONDUCTOR WIDTH:	<input type="checkbox"/> 0.007 <input type="checkbox"/> 0.012 <input type="checkbox"/> 0.050
TOL: 0.002	<input checked="" type="checkbox"/> 0.005 <input type="checkbox"/> 0.025 <input type="checkbox"/> OTHER
BOW AND TWIST:	<input type="checkbox"/> 0.005 PER INCH <input checked="" type="checkbox"/> IPC A-600 <input type="checkbox"/> 0.007 PER INCH <input type="checkbox"/> OTHER
SOLDER MASK:	<input type="checkbox"/> WET FILM: PC401, PC501, SR1010
BOTH SIDES MASK	<input checked="" type="checkbox"/> PHOTO IMAGABLE (LPI): LEA RONAL, TAIYO, CIBA, GEIGY, EPIC
MUST PASS	<input checked="" type="checkbox"/> SMOBC-WITH PHOTO IMAGABLE ONLY
IPC-SM-840A	
IPC-SM-840B	
FINISH:	<input type="checkbox"/> MATT <input checked="" type="checkbox"/> SEMI-GLOSS <input type="checkbox"/> GLOSS
COLOR:	<input type="checkbox"/> CLEAR <input checked="" type="checkbox"/> GREEN <input type="checkbox"/> RED <input type="checkbox"/> BLUE <input type="checkbox"/> BLACK
SILKSCREENING:	<input type="checkbox"/> COMPONENT SIDE <input type="checkbox"/> SOLDER SIDE
EPOXY BASED INK ONLY	<input checked="" type="checkbox"/> BOTH SIDES <input type="checkbox"/> NONE
SILKSCREEN COLOR:	<input checked="" type="checkbox"/> WHITE <input type="checkbox"/> YELLOW <input type="checkbox"/> RED <input type="checkbox"/> OTHER _____
SURFACE MOUNT COMPONENTS BOTH SIDES:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
100% ELECTRICALLY TESTED:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO    TEST STAMP ON SOLDER SIDE
TEST TYPE:	<input type="checkbox"/> CLAM SHELL <input type="checkbox"/> COMPARISON <input type="checkbox"/> GERBER NET
	<input type="checkbox"/> CAD/GERBER NET <input checked="" type="checkbox"/> CCC SUPPLIED ASCII FILE (PADS FORMAT)
MANUFACTURERS LOGO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> RUN CODE
PLACE ON BOTTOM SIDE	<input checked="" type="checkbox"/> 94V-0 <input type="checkbox"/> 94V-2 <input type="checkbox"/> UL
BOARDS TO BE INDIVIDUALLY WRAPPED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
THE CONDUCTIVE LAND PATTERN SHALL NOT BE MISREGISTERED FROM FRONT TO BACK BY MORE THAN 0.005 in. NO SOLDER MASK ALLOWED ON PADS OR PLATED THROUGH HOLES. NO EXPOSED COPPER OR TRACES AFTER MASKING.	