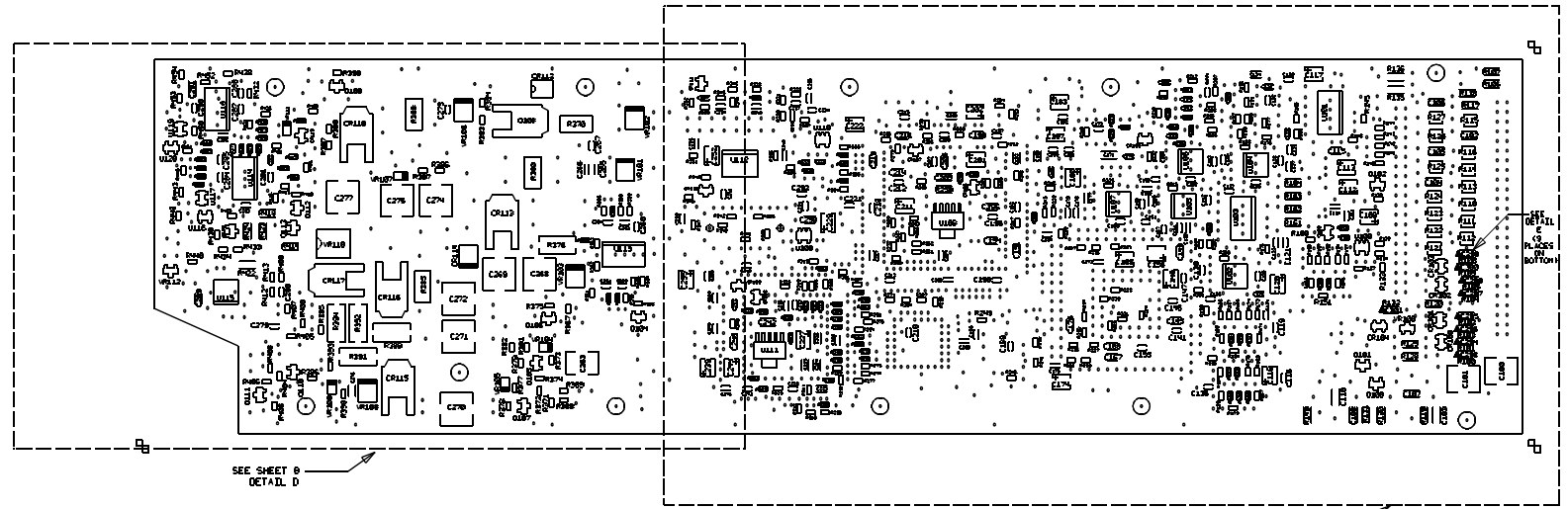


C302, C292, C293, C294, C295, C296, C297, C298, C299, C300, C301 REF  
 .010 MIN CLEARANCE  
 AFTER JUMPER IS ADDED  
 R1, R2, R100, R101, R102, R103, R104, R105, R108, R109, R132 REF  
 BOARD TOP OR BOTTOM

DETAIL E

ROCKWELL COLLINS, INC			
1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498			
PREP BY LOVE	DRG NO.	REV	DATE
25-SEP-2001	D 4V792	828-3372-002	LTH D
CHK BY SCHLISE	SCALE NONE	SHEET 3	
ROCKWELL PROPRIETARY INFORMATION. DIGITAL DATA ONLY. NO PAPER TRACING.			



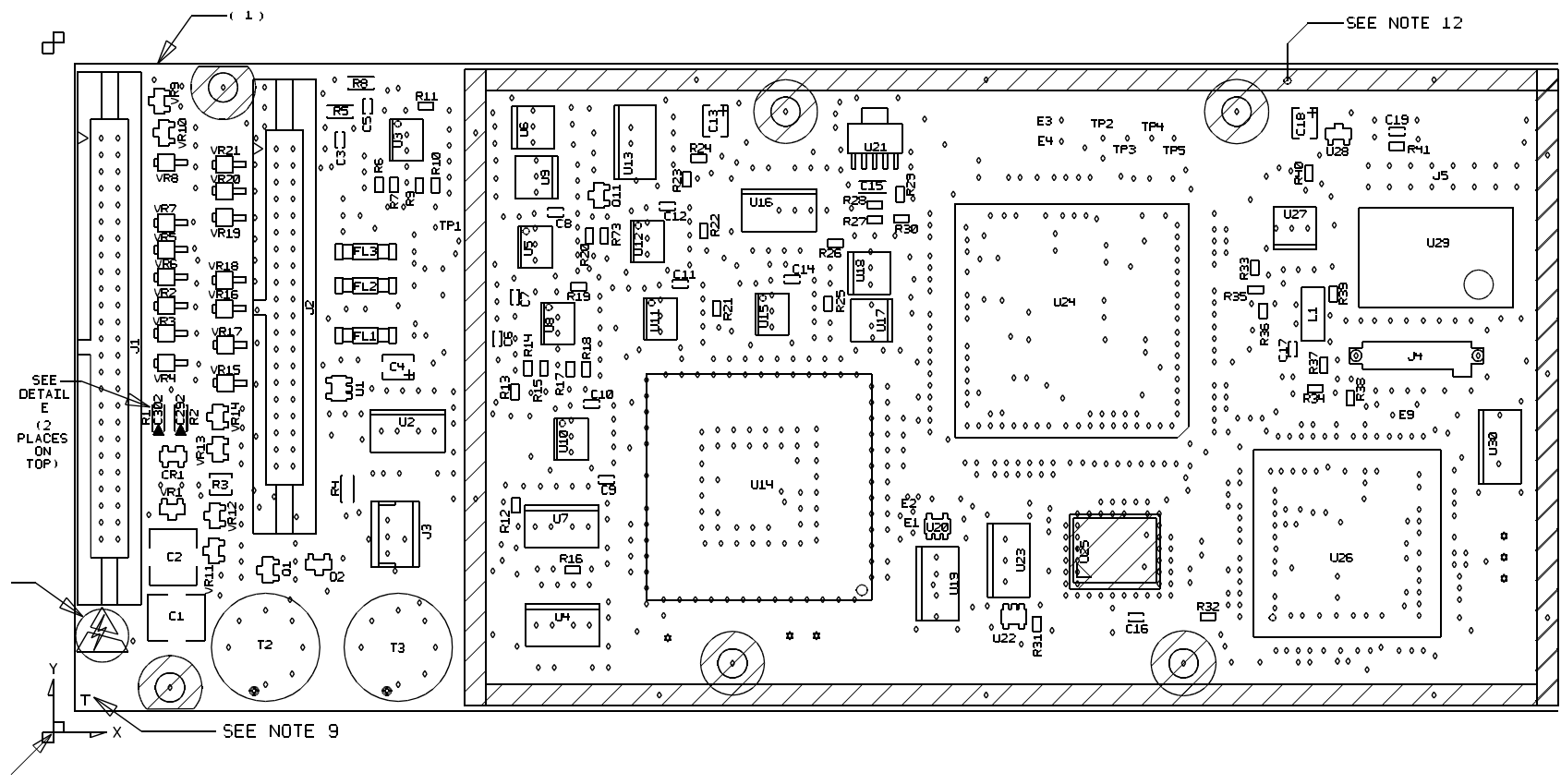
SEE SHEET D  
DETAIL D

SEE SHEET 7  
DETAIL C

COMPONENTS BOTTOM

ROCKWELL COLLINS, INC			
1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498			
PREP BY D 4V792	DATE 25-SEP-2001	DWG NO. 828-3372-002	REV LTH D
ROCKWELL PROPRIETARY INFORMATION.	CHK BY R. SCHLISE	SCALE NONE	SHEET 4

DIGITAL DATA ONLY, NO PAPER TRACKING.



SEE DETAIL F  
PLACES ON TOP

MASTER 0-0  
ITEM-98  
ITEM-153

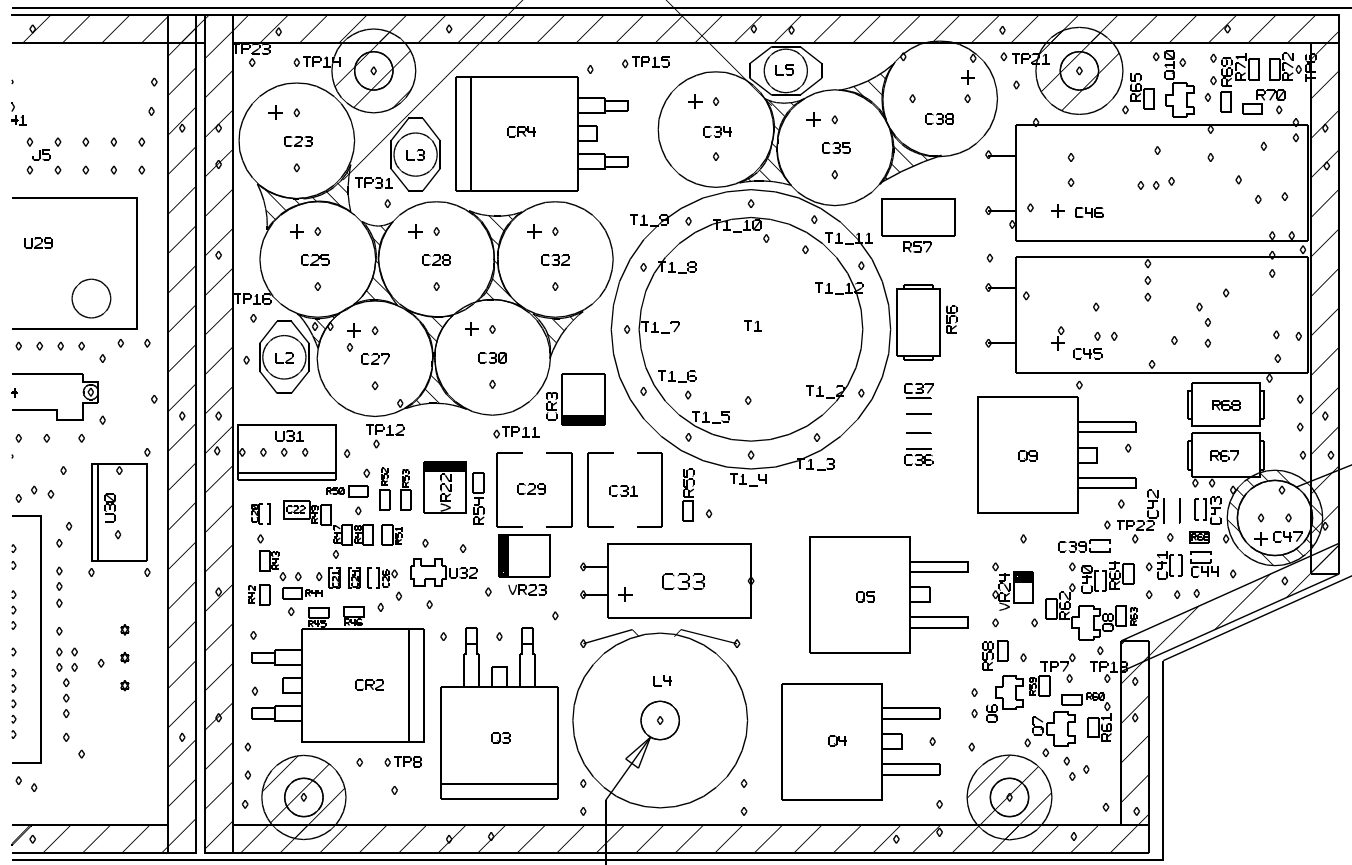
ASSEMBLY DETAIL A

ROCKWELL COLLINS, INC

1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498

PREP BY LOVE	DRG NO.	REV
25-SEP-2001	D 4V792	828-3372-002
CHK BY SCHLISE	SCALE NONE	SHEET 5

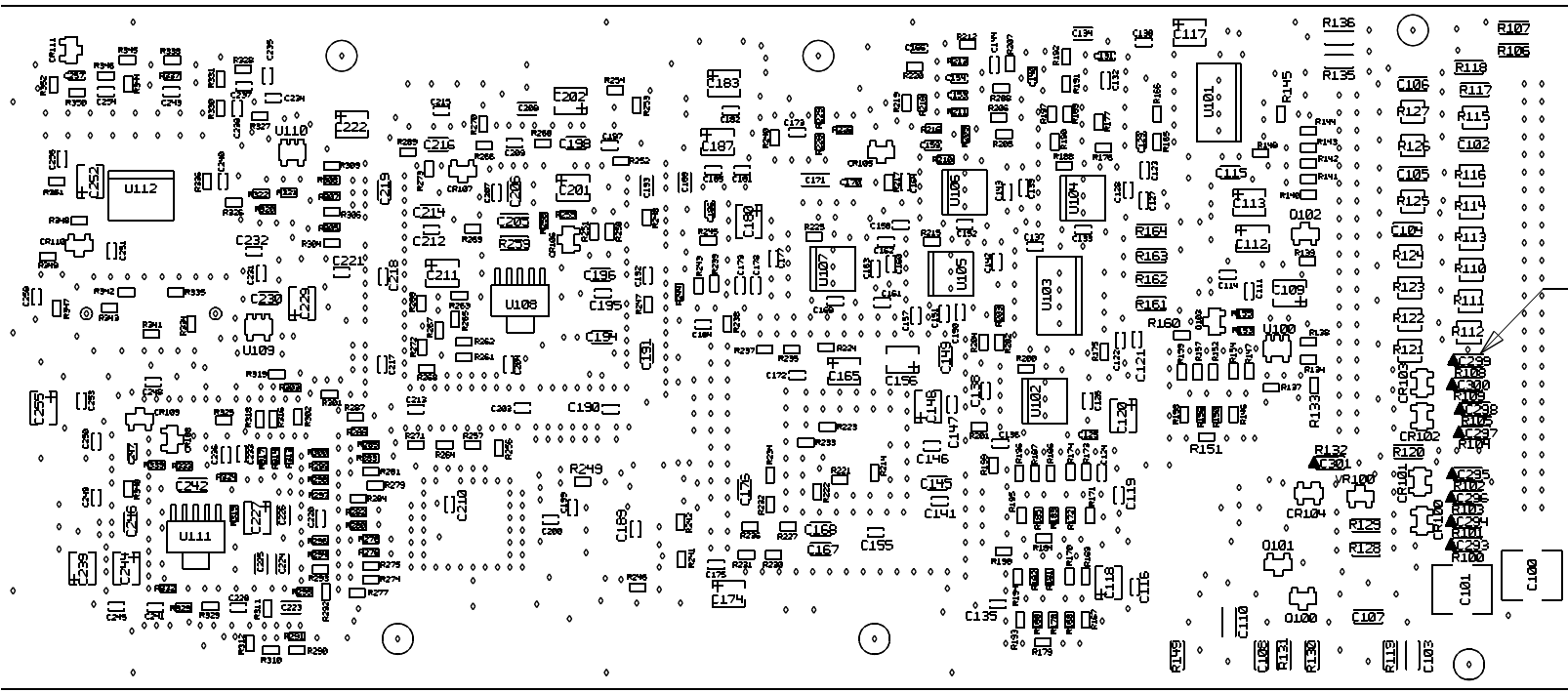
ROCKWELL PROPRIETARY INFORMATION. DIGITAL DATA ONLY. NO PAPER TRACING.



SEE NOTE 13

ASSEMBLY DETAIL B

ROCKWELL COLLINS, INC			
1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498			
PREP BY LOVE	DATE 25-SEP-2001	DRG NO. 828-3372-002	REV D
CHK BY SEARISE	SCALE NONE	SHEET 6	REV D
DIGITAL DATA ONLY, NO PAPER TRACING.			



ASSEMBLY DETAIL C

SEE DETAIL E  
(9 PLACES ON BOTTOM)

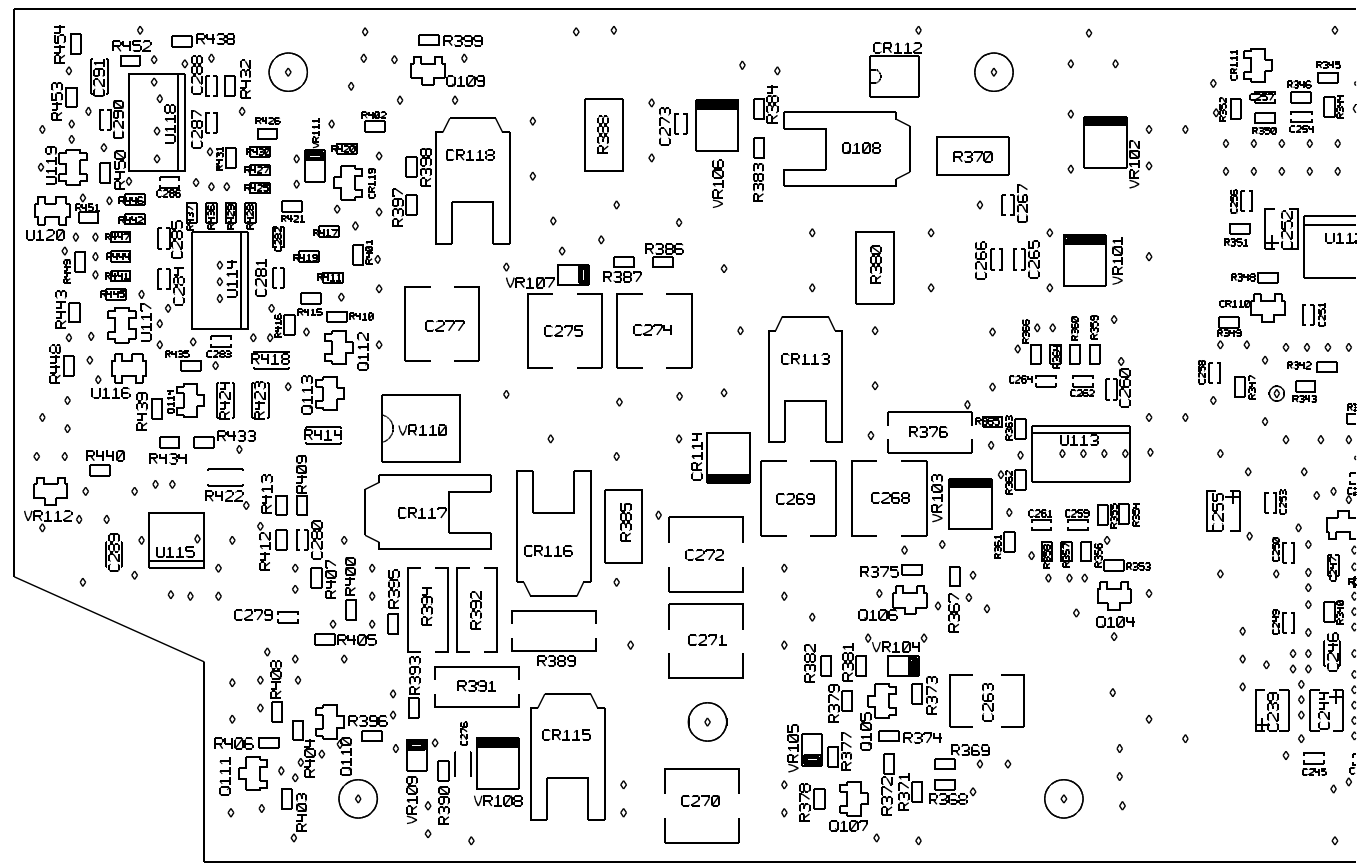
ROCKWELL COLLINS, INC

1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498

PREP BY LOVE 25-SEP-2001	SIZE / USE FOR: D 4V792	ORG. NO. 828-3372-002	REV LTR D
CHK BY SCHLITSE	SCALE NONE	SHEET 7	

ROCKWELL PROPRIETARY INFORMATION.

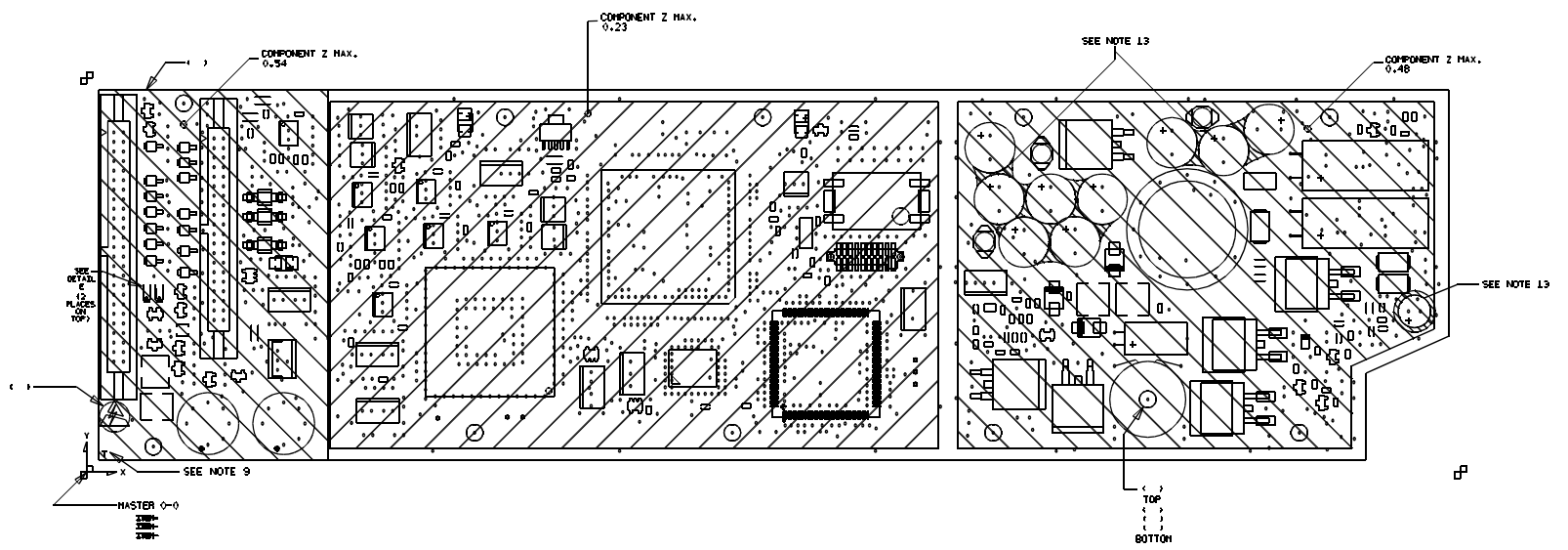
DIGITAL DATA ONLY, NO PAPER TRACING.



ASSEMBLY DETAIL D

ROCKWELL COLLINS, INC			
1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498			
PREP BY S. LOVE 25-SEP-2001	SIZE D	ENG. NO. 828-3372-002	REV LTH D
CHK BY S. SEARISE	SCALE NONE	SHEET 3	
DIGITAL DATA ONLY, NO PAPER TRACING.			



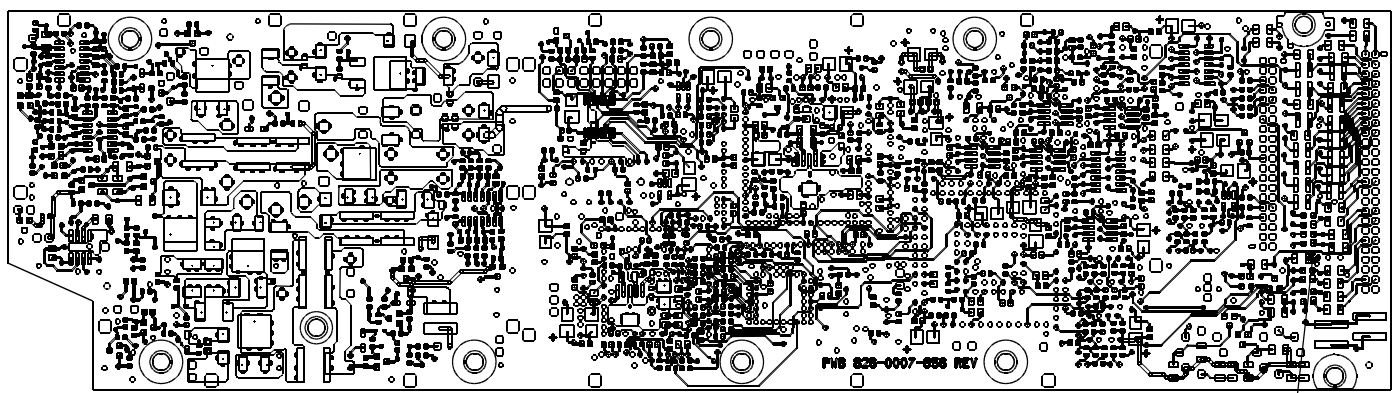


Z TOP DIMENSIONS

ROCKWELL COLLINS, INC			
1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498			
PREP BY LOVE	DWG NO.	REV	D
25-Sep-2001	D 4V792	828-3372-002	LTH
CHK BY SCHLITSE	SCALE NONE	SHEET	3
ROCKWELL PROPRIETARY INFORMATION. DIGITAL DATA ONLY. NO PAPER TRACING.			

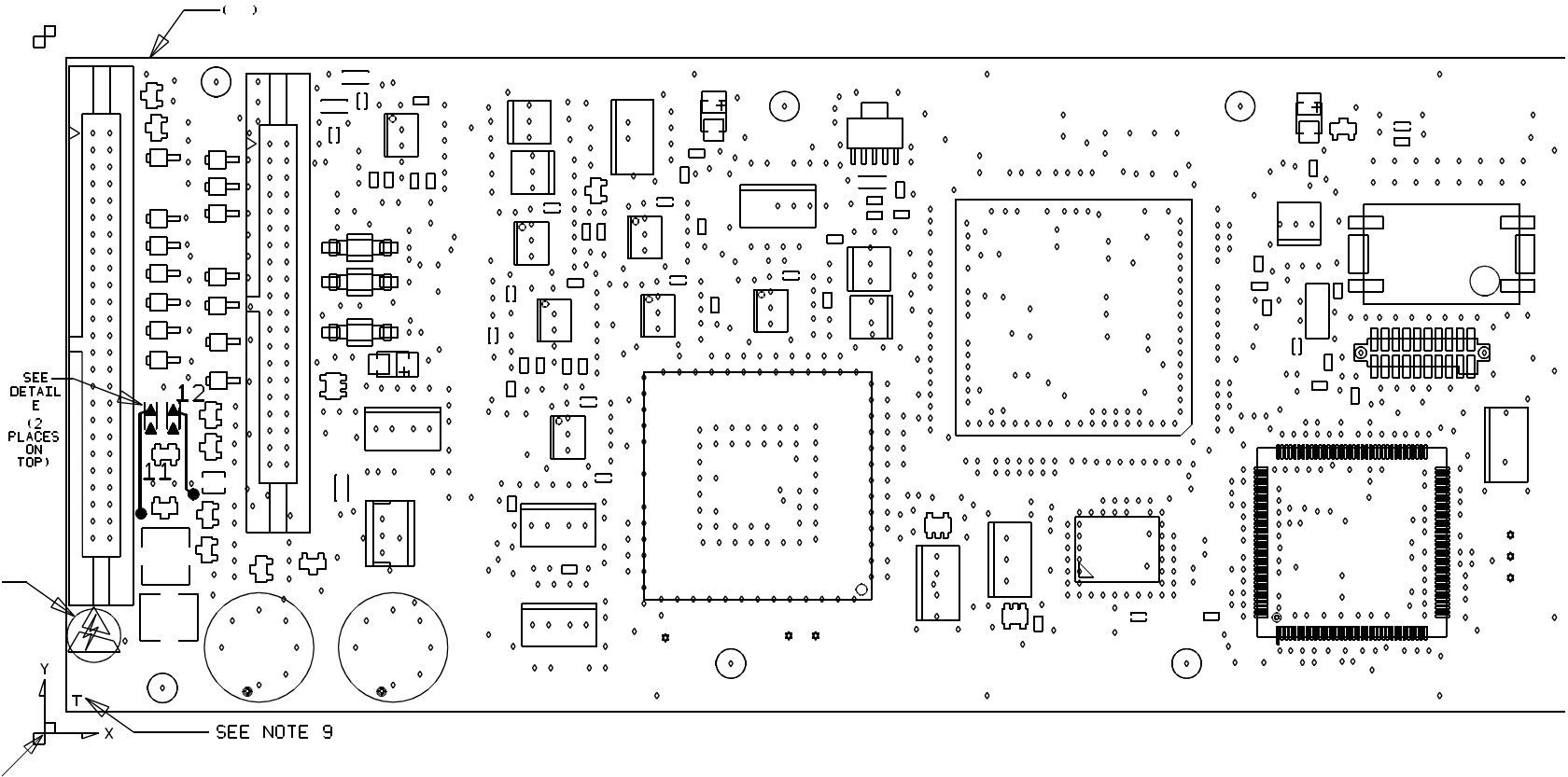
TOTAL NUMBER OF LAYERS = 10

CUT LTR	CUT LYR	X=	Y=
A	10	0.730	1.160



CUTS BOTTOM

ROCKWELL COLLINS, INC			
<small>1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498</small>			
<small>PREP BY</small> D. LOVE	<small>DATE</small> 25-Sep-2001	<small>DRG NO.</small> 828-3372-002	<small>REV</small> D
<small>CHK BY</small> R. SCHLISE	<small>SCALE</small> NONE	<small>SHEET</small> 10	<small>LTR</small> D
<small>DIGITAL DATA ONLY, NO PAPER TRACING.</small>			

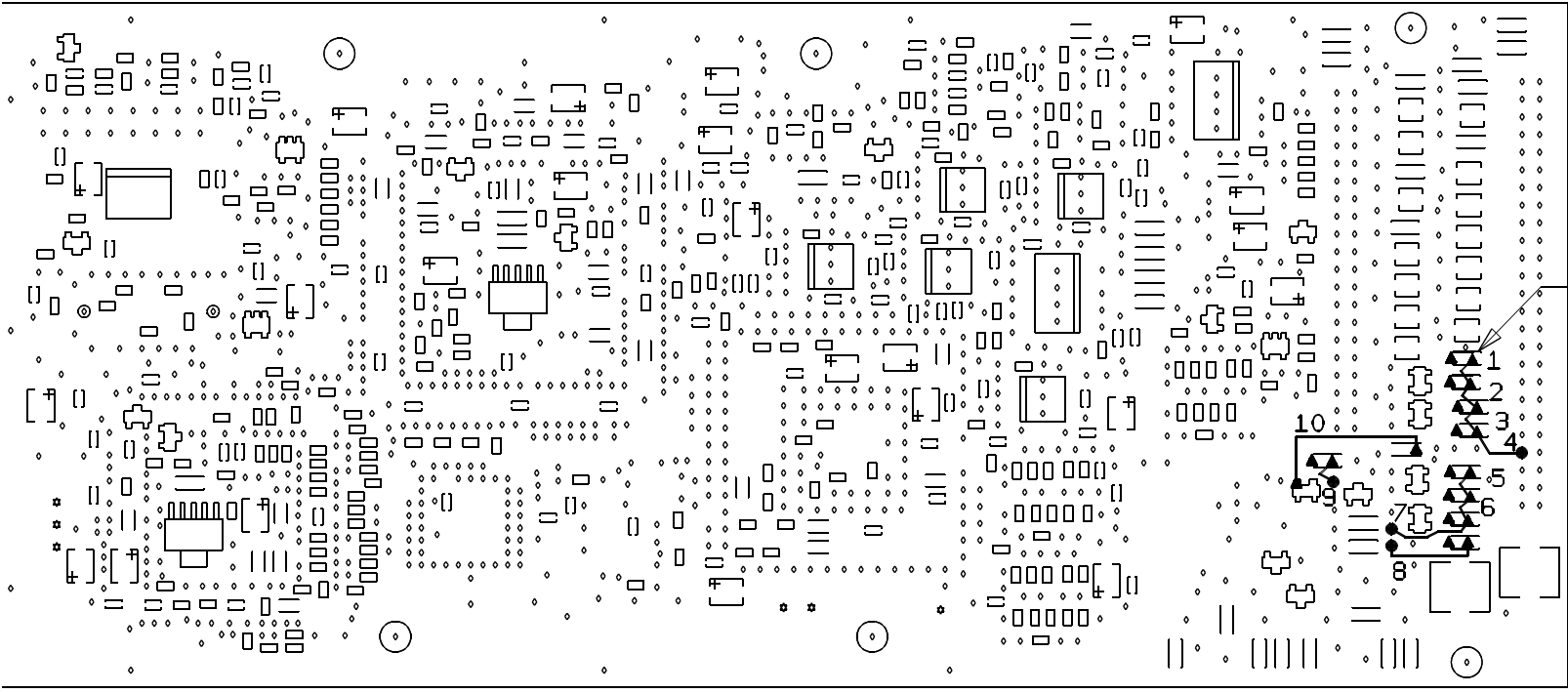


MASTER 0-0

~~ITB~~  
~~ITB~~  
---

JUMPERS TOP

ROCKWELL COLLINS, INC			
1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498			
PREP BY LOVE	DATE 25-Sep-2001	DRG NO. 828-3372-002	REV D
CHK BY SEALISE	SCALE NONE	SHEET 11	REV D
DIGITAL DATA ONLY, NO PAPER TRACING.			



SEE DETAIL E  
(9 PLACES ON BOTTOM)

JUMPERS BOTTOM

ROCKWELL COLLINS, INC			
1400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52498			
PREP BY LOVE	SIZE 1	DRG NO.	REV
25-SEP-2001	D	4V792	828-3372-002
CHK BY SCHLISE	SCALE NONE	SHEET 12	
DIGITAL DATA ONLY, NO PAPER TRACING.			