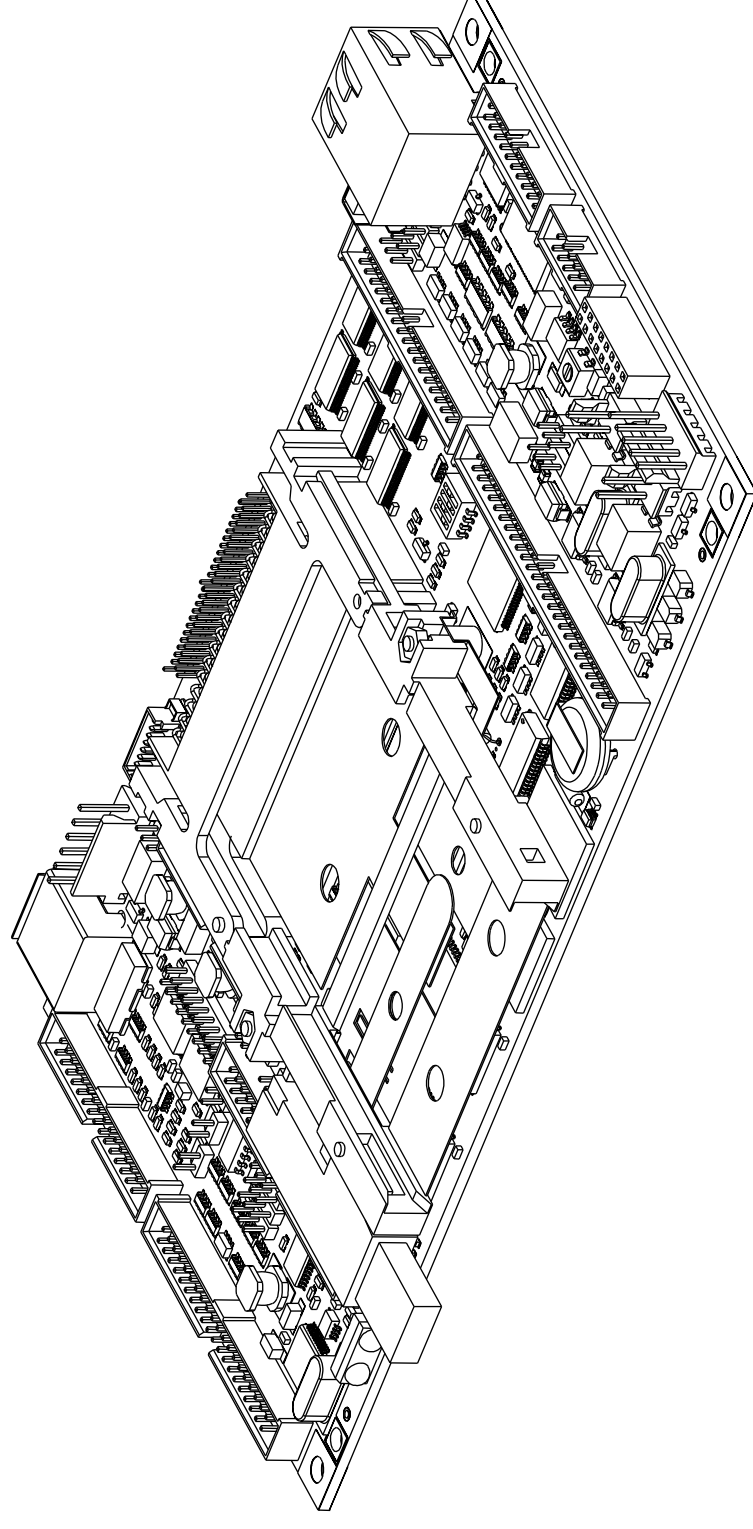


NOTES: (UNLESS OTHERWISE SPECIFIED):

1. SEE SHEET 3 FOR PWB RAIL DIMENSIONS

CONNECTOR LIST (REFERENCE ONLY)

REF. DESG.	ADS P/N	MANU.	PART NUMBER	PLATING
J1	210070-00098	AMP	787616-1	GOLD
J2	210060-G1062	MOLEX	22-11-2062	GOLD
J3	210061-01072	MOLEX	53398-0790	TIN
J4	210060-03505	SAMTEC	ASP-100925-01	GOLD
J7	210070-00174	PULSE	J0026D21B	GOLD
J8, J9	210060-G2158	SAMTEC	STMM-115-02-G-D	GOLD
J10	210070-00142	AMP	535655-2	GOLD
J11	210060-0217B	SAMTEC	STMM-117-02-G-D	GOLD
J12	210070-00113	MOLEX	87331-2020	GOLD
J13	210060-G2058	SAMTEC	STMM-105-02-G-D	GOLD
J14, J15	210060-G2208	SAMTEC	STMM-120-02-G-D	GOLD
J17, J20	210060-G1025	MOLEX	22-11-2022	GOLD
J18	210061-01052	MOLEX	22-11-2052	GOLD
J19	210071-00007	HIROSE	DF9B-31P-1V	TIN
J40	210060-G2258	SAMTEC	STMM-125-02-G-D	GOLD
J16	210050-02085	SAMTEC	SQT-108-01-L-D	GOLD



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS
.XX ± .01
.XXX ± .005
✓ RMS ALL MACHINED SURFACES
BREAK ALL SHARP EDGES
AND CORNERS, REMOVE BURRS.
MATERIAL
FINISH

THIS DOCUMENT CONTAINS INFORMATION
PROPRIETARY TO ADS AND
SHALL NOT BE USED FOR ENGINEERING
DESIGN, PROCUREMENT OR MANUFACTURER
IN WHOLE OR IN PART WITHOUT THE
CONSENT OF ADS
MECHANICAL ENGINEER
M BLATTAU 7-30-03

ADS

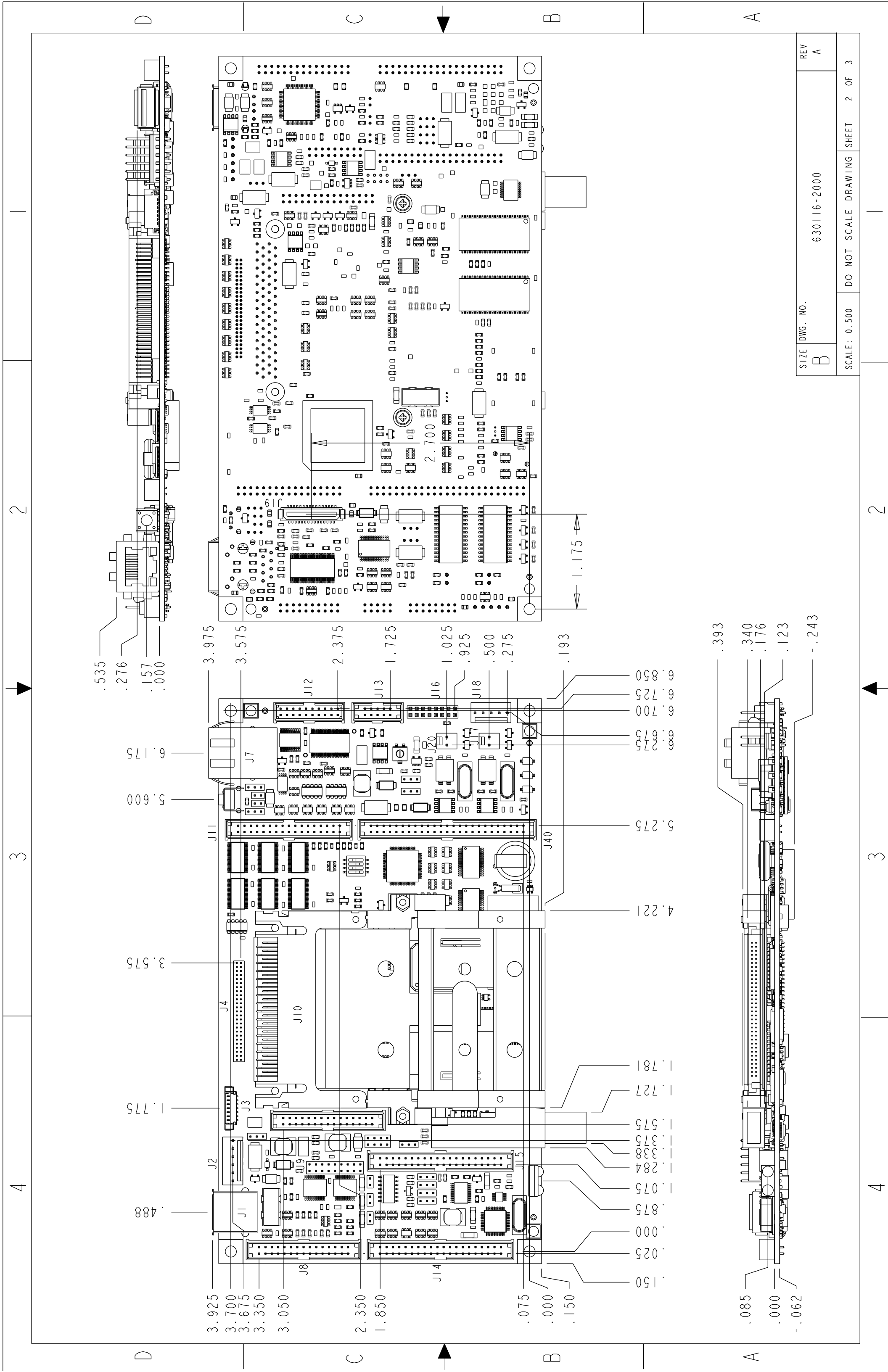
APPLIED DATA SYSTEMS
9140 Guriiford Rd. Columbia, Maryland 21046 USA

TITLE
VGX MECHANICAL
DETAIL

SIZE DWG. NO.
B 630116-2000

SCALE: 0.500 DO NOT SCALE DRAWING SHEET 1 OF 3

REVISION		DATE
ZONE	REV	DESCRIPTION
	1	ORIGINAL RELEASE
	2	PROTOTYPE RELEASE
	A	PRODUCTION RELEASE



.535
.276
.157
.000

6.175
5.600

3.575

1.775

.488

3.925
3.700
3.675
3.350
3.050
2.350
1.850
.075
.000
.150

3.975

3.575

2.375

1.725

1.025

.925

.500

.275

.193

J1
J2
J3
J4
J8
J10
J11
J12
J13
J14
J16
J18
J20
J40
1.781
1.727
1.575
1.375
1.338
1.284
1.075
.875
.000
.025
1.50
4.221
5.275
6.675
6.700
6.725
6.850

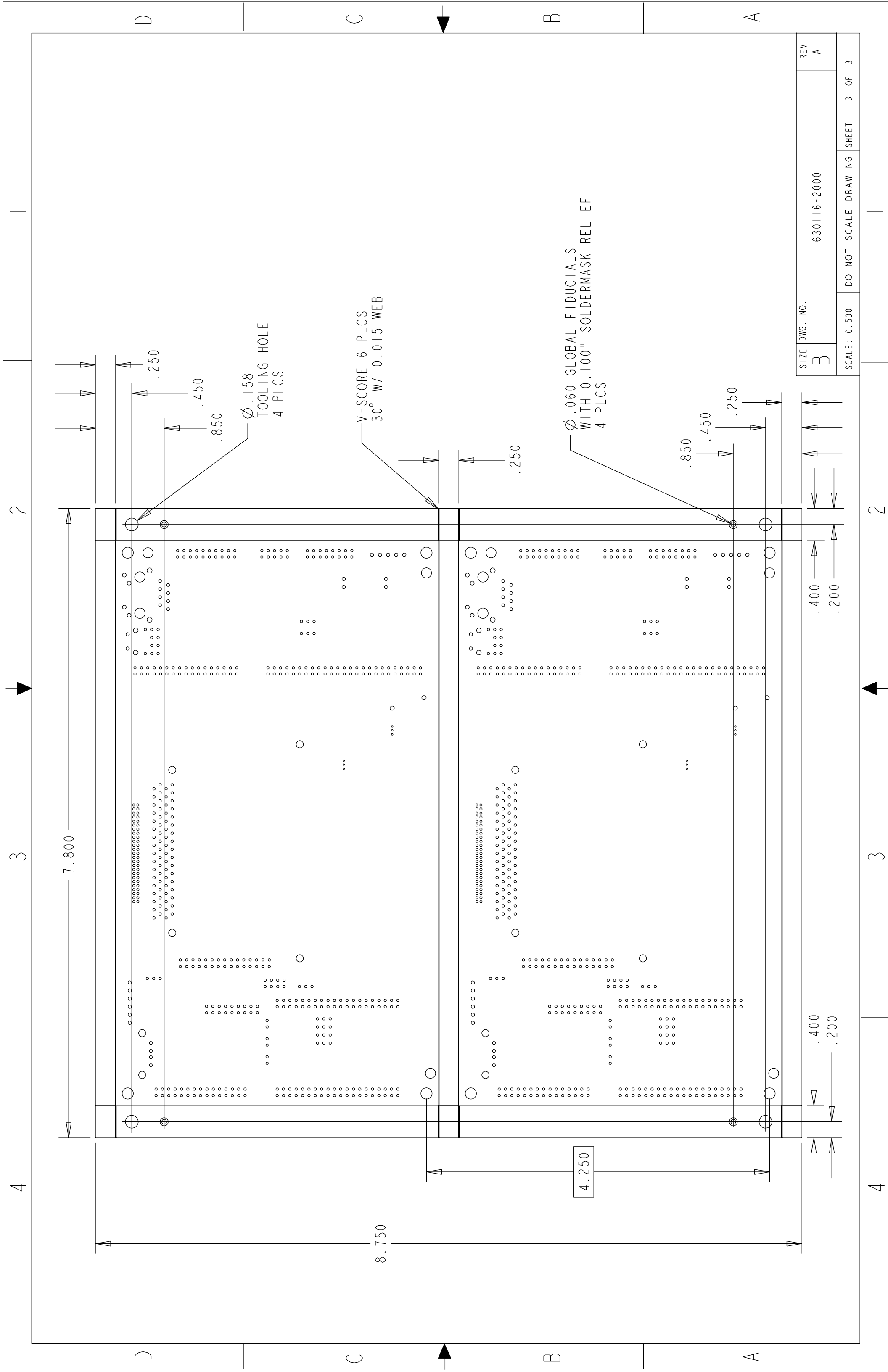
1.175

.085
.000
.062
.393
.340
.176
.123
.243

SIZE DWG. NO. 630116-2000

SCALE: 0.500 DO NOT SCALE DRAWING SHEET 2 OF 3

REV A



7.800

8.750

.850

.450

.250

Ø .158
TOOLING HOLE
4 PLCS

V-SCORE 6 PLCS
30° W/ 0.015 WEB

.250

Ø .060 GLOBAL FIDUCIALS
WITH 0.100" SOLDERMASK RELIEF
4 PLCS

.850

.450

.250

.400

.200

4.250

SIZE DWG. NO. 630116-2000

REV A

SCALE: 0.500 DO NOT SCALE DRAWING SHEET 3 OF 3

2

3

4

D

C

B

A

D

C

B

A

2

3

4