

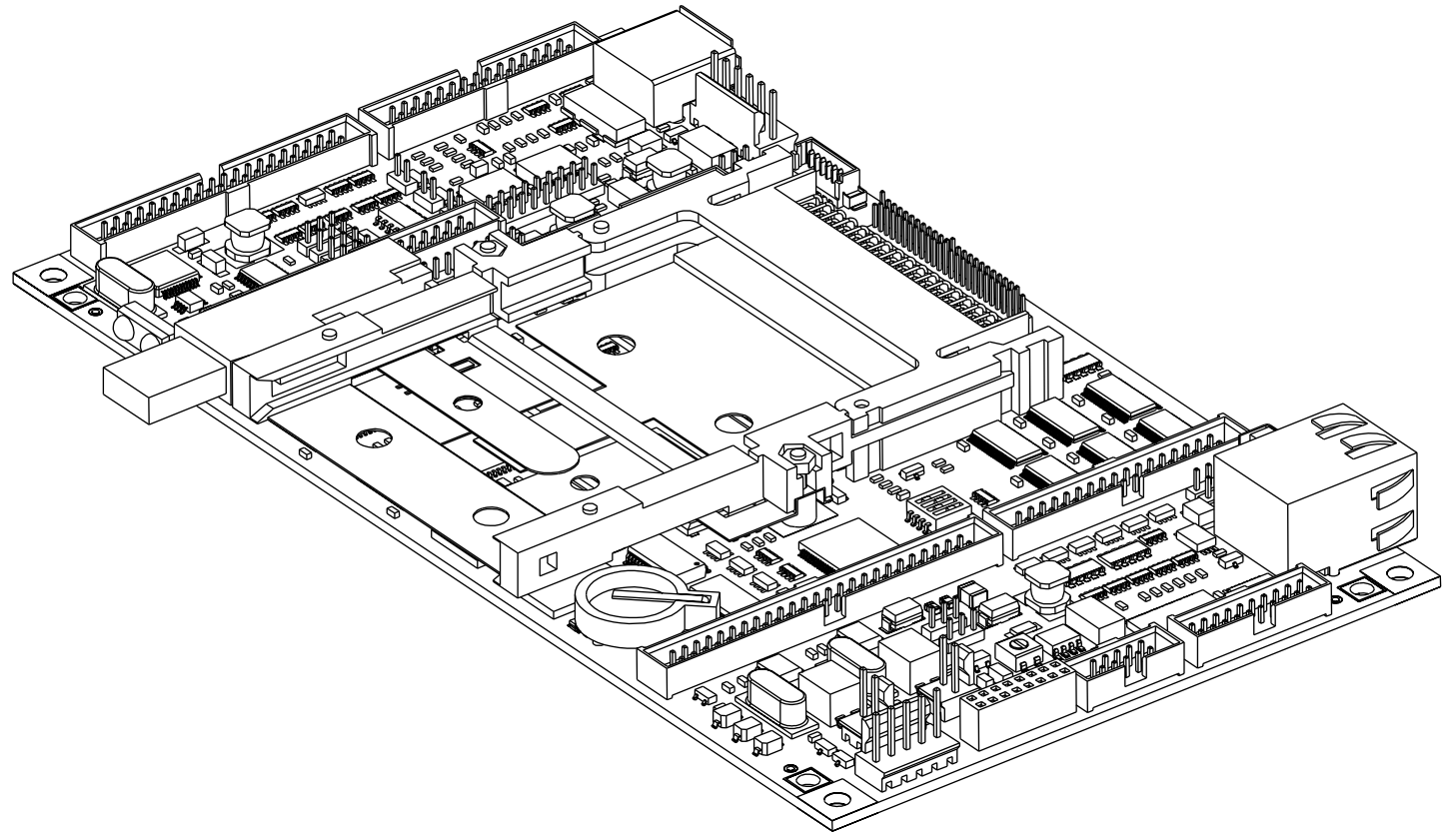
NOTES: (UNLESS OTHERWISE SPECIFIED):

1. SEE SHEET 3 FOR PWB RAIL DIMENSIONS

REVISION				
ZONE	REV	DESCRIPTION	DATE	
	1	ORIGINAL RELEASE	7-30-03	
	2	PROTOTYPE RELEASE	12-16-03	
	A	PRODUCTION RELEASE	5-13-04	
	C	ECN	5-3-05	
	D	ECN	11-11-05	

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-IV	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.

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

MATERIAL

FINISH

**ADS**

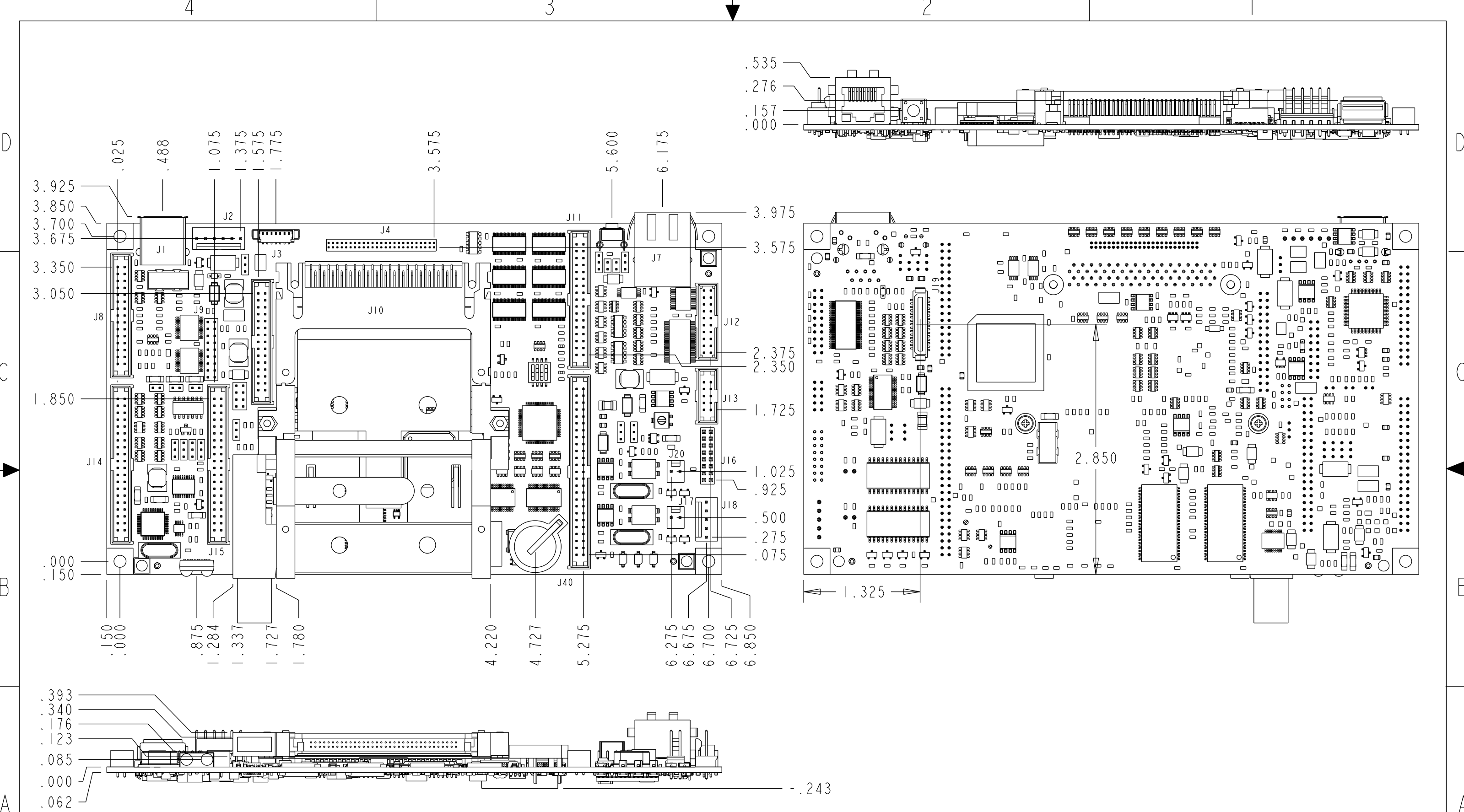
**APPLIED DATA SYSTEMS**

10260 Old Columbia Rd. Columbia, Maryland 21046 USA

TITLE  
VGX MECHANICAL  
DETAIL

SIZE DWG. NO. REV  
B 630116-2000 D

SCALE: 0.500 DO NOT SCALE DRAWING SHEET 1 OF 3



SIZE B	DWG. NO. 630116-2000	REV D
SCALE: 0.500	DO NOT SCALE DRAWING	SHEET 2 OF 3

D

C

B

A

D

C

B

A

4

3

2

1

4

3

2

1

7.800

8.750

4.250

.400  
.200

.400  
.200

.250  
.450  
.850

.250

.850  
.450  
.250

Ø .158  
TOOLING HOLE  
4 PLCS

V-SCORE 6 PLCS  
30° W/ 0.015 WEB

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

SIZE B	DWG. NO. 630116-2000	REV D
SCALE: 0.500	DO NOT SCALE DRAWING	SHEET 3 OF 3