PRODUCT DRAWING

DRAWING OF TIC5231

CUSTOMER NO.:	
FILENAME:	REVISION: A
ORIGINAL DATE: 10 FEB 2003	TOTAL PAGES: 4

☐ INITIATE

☑ REVISE

EFFECTIVE DATE:

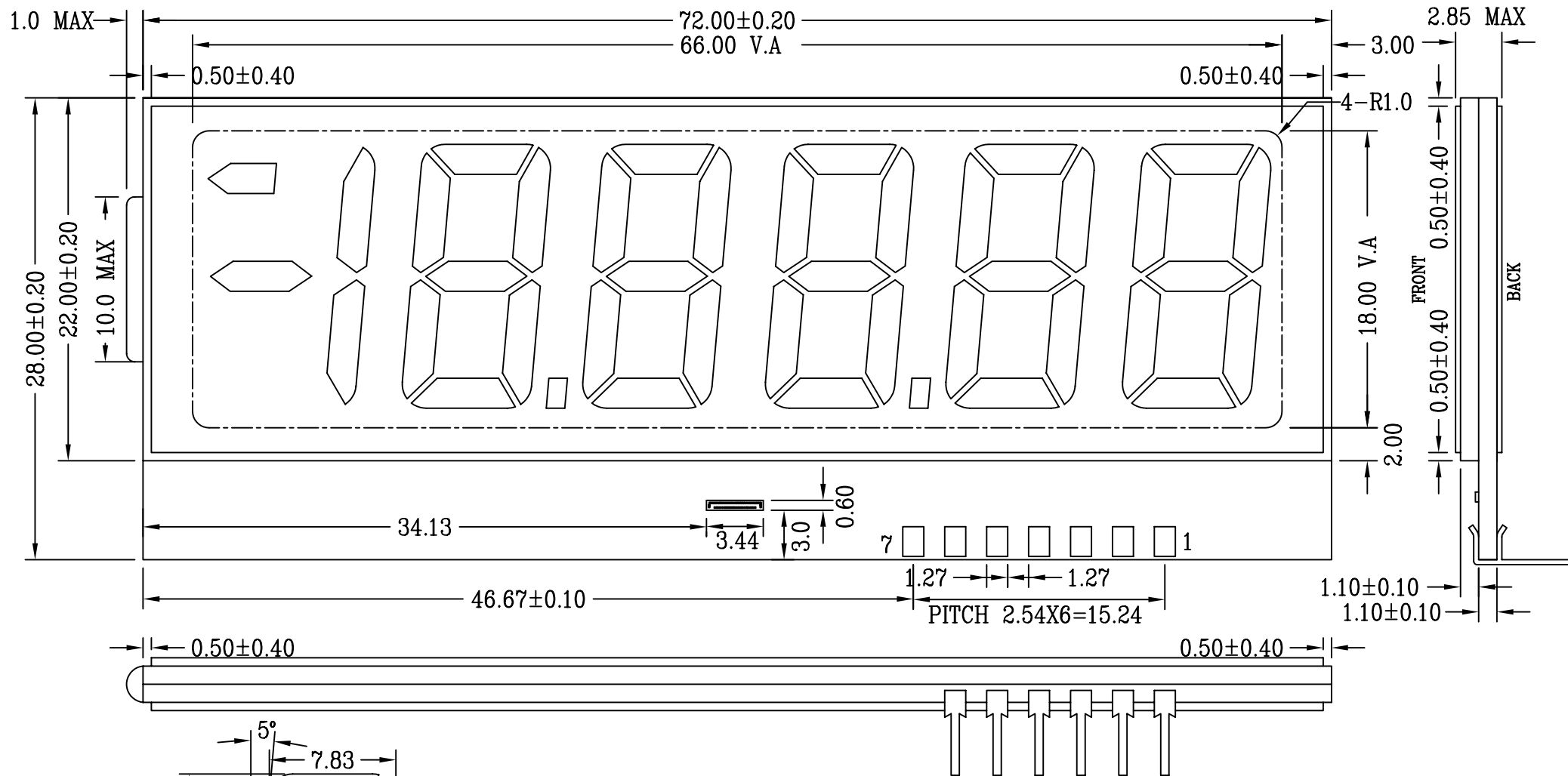|	REVISIONS	
REV	**DESCRIPTION**	**DATE**
A	Add a pin out for DOUT.	11 FEB 2003

ORIGINATOR

DESIGN MGR.

⚠ Please sign and fax back this page to confirm this drawing. Please indicate if you need samples.

_____
Authorized Signatures

72.00±0.20
66.00 V.A
1.0 MAX
0.50±0.40
0.50±0.40
2.85 MAX
3.00
4-R1.0
28.00±0.20
22.00±0.20
10.0 MAX
0.50±0.40
0.50±0.40
0.50±0.40
FRONT
BACK
18.00 V.A
2.00
34.13
0.60
3.0
3.44
7
1
1.27
1.27
1.10±0.10
1.10±0.10
46.67±0.10
PITCH 2.54X6=15.24

0.50±0.40
0.50±0.40

5°
7.83
1.83
16.0
1.82
1.1

REV	A

Designed by:		TIC5231	
Checked by:			
Approved by:		Unit:	mm
Filename:		Sheet:	2 OF 4

LCD DRIVER: ML1001

COM1

0.60

< pads up >

Pin labels (top row): S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40

Left side: COM1A VDD GND

Right side: COM1B VDD GND

Bottom pad labels: LOAD DIN DCLK BEN OEN VDD SEN1 CEN1A SEN2 CEN1B GND OOUT FIN LCLK 2K 1K 500 250 125 4 2 1 BCLK LCLK BEN DCLK DOUT LOAD

Numbered connections: 1 2 3 4 5 6 7

NO	SYMBOL
1	VDD
2	GND
3	LOAD
4	DIN
5	DCLK
6	DOUT
7	CHK
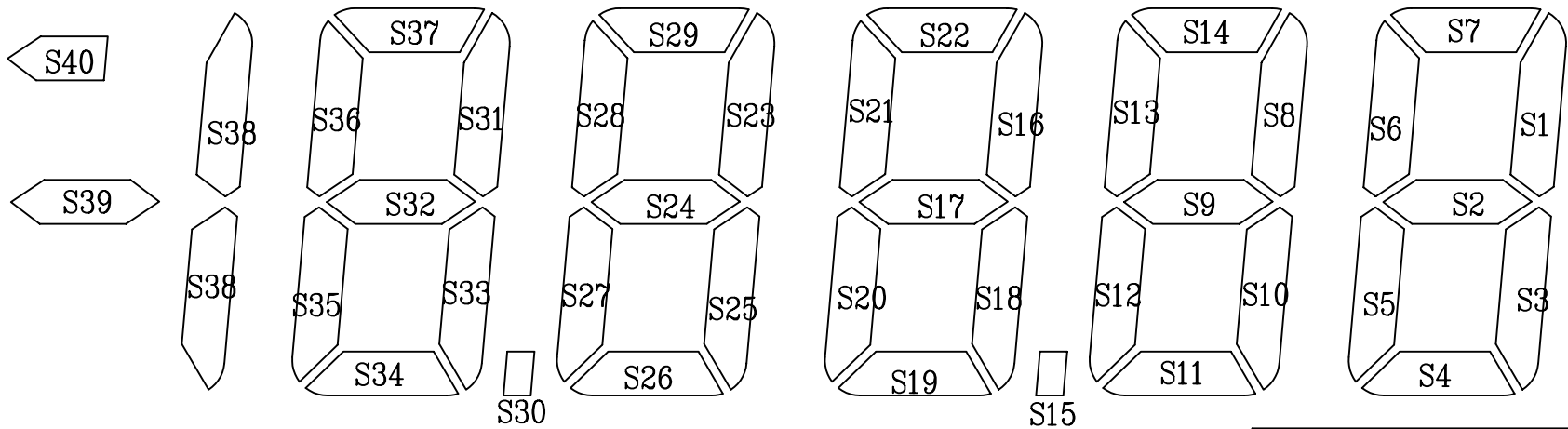
Display segments:
S40, S39, S38, S38
Digit 1: S37 S36 S31 S32 S35 S33 S34 S30
Digit 2: S29 S28 S23 S24 S27 S25 S26
Digit 3: S22 S21 S16 S17 S20 S18 S19 S15
Digit 4: S14 S13 S8 S9 S12 S10 S11
Digit 5: S7 S6 S1 S2 S5 S3 S4

A. Dimensions:

1. Length of top glass:

      72.00±0.20 ____ mm

  Width of top glass:

      22.00±0.20 ____ mm

2. Length of bottom glass:

      72.00±0.20 ____ mm

  Width of bottom glass:

      28.00±0.20 ____ mm

3. Thickness of LCD(max):

      2.85 ____ mm

4. Thickness of glass:

  Top: ____ 1.10 ____ mm

  Bottom: ____ 1.10 ____ mm

5. Length of viewing area:

  Horizontal: __ 66.00 __ mm

  Vertical: __ 18.00 __ mm

B. Display specification:

1. Duty: __ STATIC __

2. Bias: _____

3. Operating voltage: _ 2.5 − 5.0 V

4. Viewing angle: _ Symmetrical at 6:00 and 12:00

5. Temperature:

Operating: __ −40 TO +80°C

Storage: __ −45 TO +85°C

6. Polarizer:

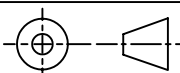Top: ____ TRANSMISSIVE ____

Bottom: ____ TRANSFLECTIVE ____

7. End seal: ____ LEFT ____

8. Length of pin: _____ mm

  Pitch of pin: __ 2.54 __ mm

REV	A

Designed by:	TIC5231	
Checked by:		
Approved by:		Unit: mm
Filename:		Sheet: 4 OF 4