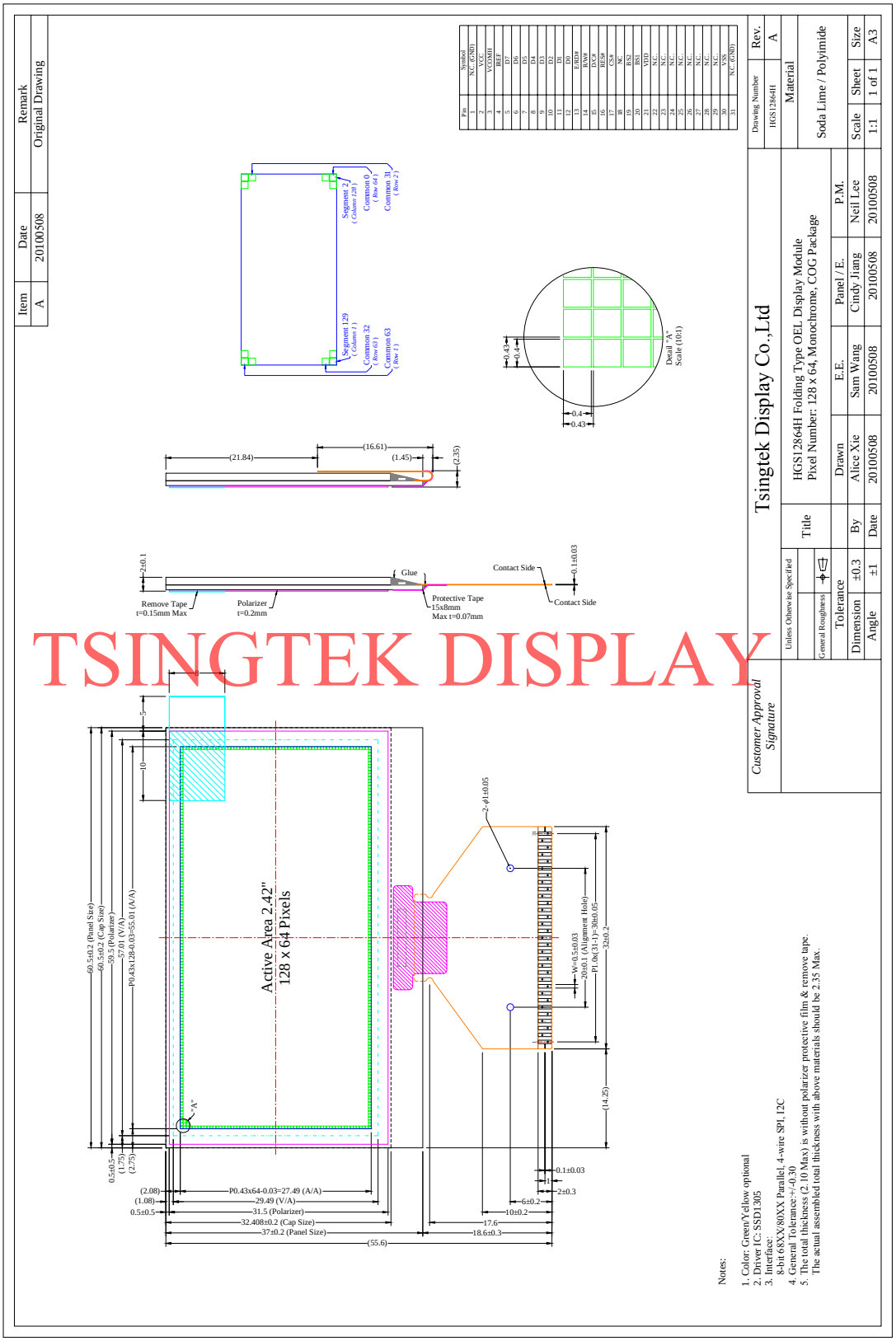
Item
Date
Remark
A
20100508
Original Drawing
Pin
Symbol
1 N.C.(GND)
2 VCC
3 VCOMH
4 IREF
5 D7
6 D6
7 D5
8 D4
9 D3
10 D2
11 D1
12 D0
13 E/RD#
14 R/W#
15 D/C#
16 RES#
17 CS#
18 NC
19 BS2
20 BS1
21 VDD
22 N.C.
23 N.C.
24 N.C.
25 N.C.
26 N.C.
27 N.C.
28 N.C.
29 N.C.
30 VSS
31 N.C.(GND)
Segment 2
(Column 128)
Common 0
(Row 64)
Common 31
(Row 2)
Segment 129
(Column 1)
Common 32
(Row 63)
Common 63
(Row 1)
Detail "A"
Scale (10:1)
(21.84)
(16.61)
(1.45)
(2.35)
Remove Tape
t=0.15mm Max
Polarizer
t=0.2mm
Glue
Protective Tape
15x8mm
Max t=0.07mm
Contact Side
Contact Side
TSINGTEK DISPLAY
Active Area 2.42"
128 x 64 Pixels
60.5±0.2 (Panel Size)
60.5±0.2 (Cap Size)
59.5 (Polarizer)
57.01 (V/A)
P0.43x128-0.03=55.01 (A/A)
P0.43x64-0.03=27.49 (A/A)
29.49 (V/A)
31.5 (Polarizer)
32.408±0.2 (Cap Size)
37±0.2 (Panel Size)
(55.6)
17.6
18.6±0.3
(14.25)
Notes:
1. Color: Green/Yellow optional
2. Driver IC: SSD1305
3. Interface:
8-bit 68XX/80XX Parallel, 4-wire SPI, I2C
4. General Tolerance:+/-0.30
5. The total thickness (2.10 Max) is without polarizer protective film & remove tape.
The actual assembled total thickness with above materials should be 2.35 Max.
Tsingtek Display Co.,Ltd
Customer Approval Signature
Unless Otherwise Specified
General Roughness
Tolerance
Dimension ±0.3
Angle ±1
Title
HGS12864H Folding Type OEL Display Module
Pixel Number: 128 x 64, Monochrome, COG Package
By Date
Drawn Alice Xie 20100508
E.E. Sam Wang 20100508
Panel / E. Cindy Jiang 20100508
P.M. Neil Lee 20100508
Drawing Number HGS12864H
Rev. A
Material Soda Lime / Polyimide
Scale 1:1
Sheet 1 of 1
Size A3