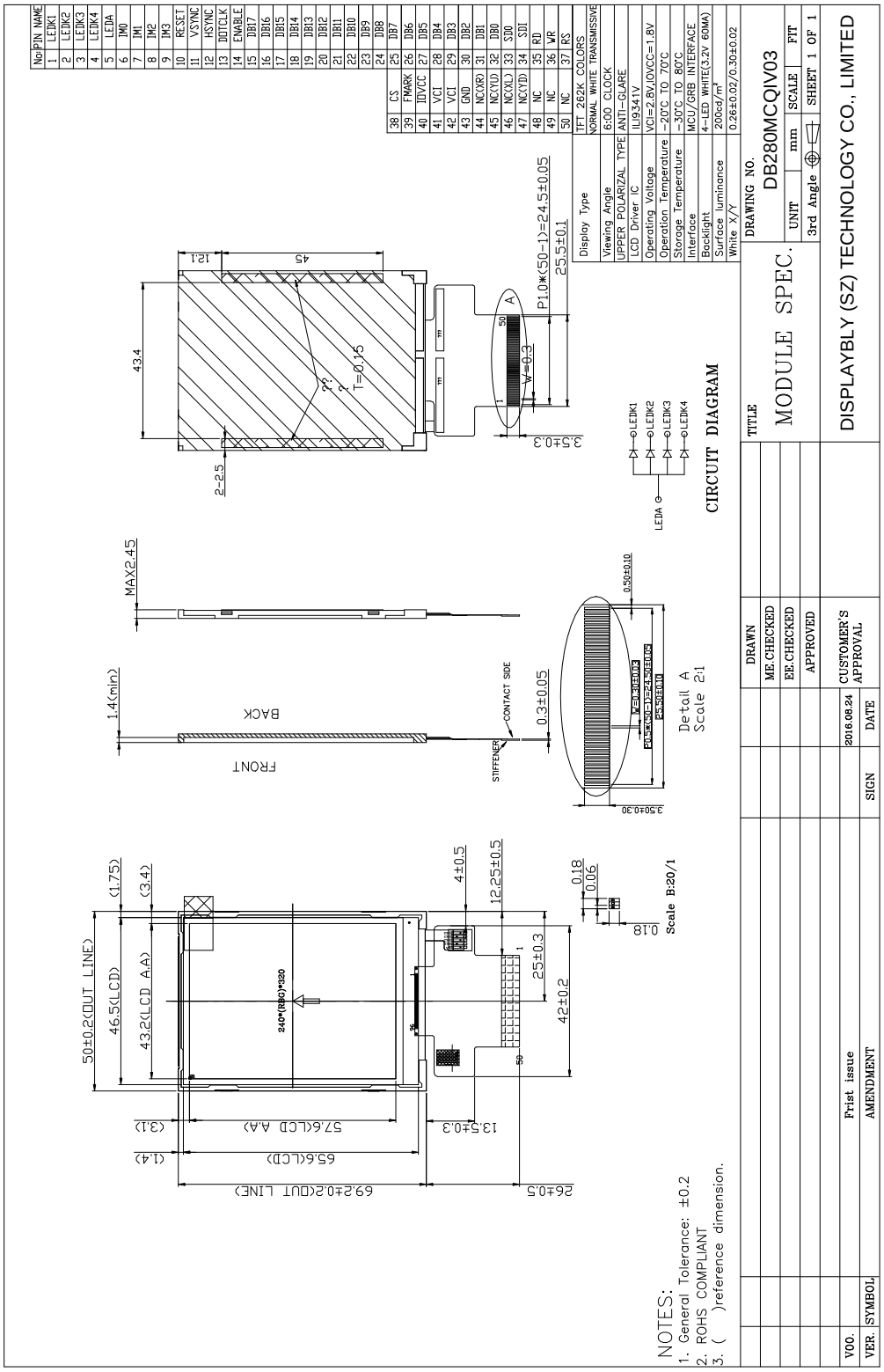
No PIN NAME
1 LEDK1
2 LEDK2
3 LEDK3
4 LEDK4
5 LEDA
6 IM0
7 IM1
8 IM2
9 IM3
10 RESET
11 VSYNC
12 HSYNC
13 DOTCLK
14 ENABLE
15 DB17
16 DB16
17 DB15
18 DB14
19 DB13
20 DB12
21 DB11
22 DB10
23 DB9
24 DB8
38 CS
25 DB7
39 FMARK
26 DB6
40 IOVCC
27 DB5
41 VCI
28 DB4
42 VCI
29 DB3
43 GND
30 DB2
44 NC(XR)
31 DB1
45 NC(YU)
32 DB0
46 NC(XL)
33 SDO
47 NC(YD)
34 SDI
48 NC
35 RD
49 NC
36 WR
50 NC
37 RS
Display Type
TFT 262K COLORS
NORMAL WHITE TRANSMISSIVE
Viewing Angle
6:00 CLOCK
UPPER POLARIZAL TYPE
ANTI-GLARE
LCD Driver IC
ILI9341V
Operating Voltage
VCI=2.8V,IOVCC=1.8V
Operation Temperature
-20°C TO 70°C
Storage Temperature
-30°C TO 80°C
Interface
MCU/GRB INTERFACE
Backlight
4-LED WHITE(3.2V 60MA)
Surface luminance
200cd/m²
White X/Y
0.26±0.02/0.30±0.02
P1.0*(50-1)=24.5±0.05
25.5±0.1
43.4
45
12.1
2-2.5
T=0.75
3.5±0.3
MAX2.45
1.4(min)
BACK
FRONT
STIFFENER
CONTACT SIDE
0.3±0.05
0.50±0.10
Detail A
Scale 2:1
LEDK1
LEDK2
LEDK3
LEDK4
LEDA
CIRCUIT DIAGRAM
(1.75)
(3.4)
50±0.2(OUT LINE)
46.5(LCD)
43.2(LCD A.A)
240*(RBG)*320
4±0.5
12.25±0.5
25±0.3
42±0.2
0.18
0.06
Scale B:20/1
(3.1)
57.6(LCD A.A)
13.5±0.3
(1.4)
65.6(LCD)
69.2±0.2(OUT LINE)
26±0.5
NOTES:
1. General Tolerance: ±0.2
2. ROHS COMPLIANT
3. ( )reference dimension.
TITLE
MODULE SPEC.
DRAWING NO.
DB280MCQIV03
UNIT mm
SCALE FIT
3rd Angle
SHEET 1 OF 1
DRAWN
ME.CHECKED
EE.CHECKED
APPROVED
CUSTOMER'S APPROVAL
2016.08.24
DATE
SIGN
DISPLAYBLY (SZ) TECHNOLOGY CO., LIMITED
V00.
Frist issue
VER.
SYMBOL
AMENDMENT