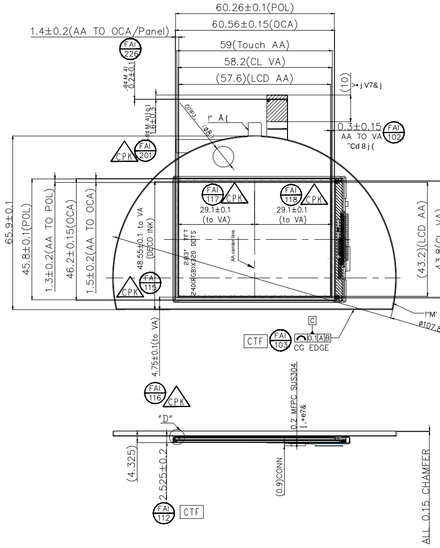
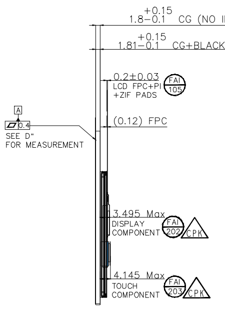
ÿÿ $XWRGHVN ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ

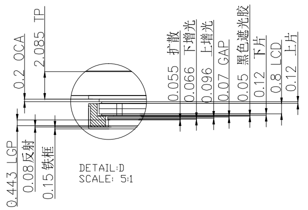
HF	REACH	RoHS

NO.		CONTENT	DATE
A	A0	NEW	20230821
M	A1	$ à HQ.1	20230927
E	A2	$ à HQ.1 3 9 7	20231007
N	A3		
D	A4		

ö1y4× 0 ö

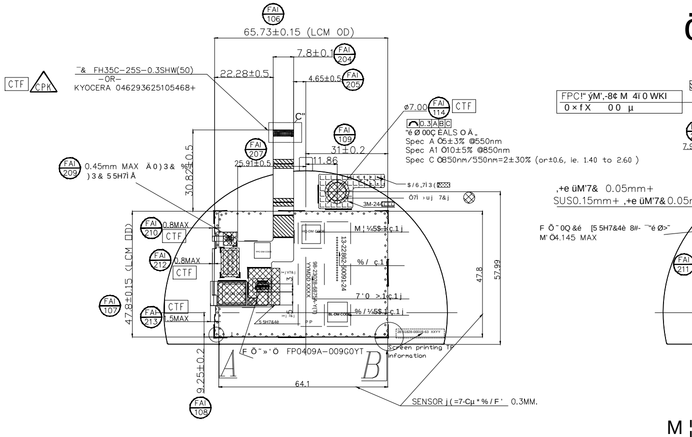

60.26±0.1(POL)
60.56±0.15(OCA)
1.4±0.2(AA TO OCA/Panel)
FAI 226
59(Touch AA)
58.2(CL VA)
(57.6)(LCD AA)
(10)
>• j V7& j
.8¢M 4ï 0.2±0.1
.8¢M 4ï]6} 1.6±0.3
Ö7ïF- (Ø8)
!" Å{
0.3±0.15 FAI 102
AA TO VA
˜Cd 8 j (
CPK FAI 201
FAI 117 CPK
FAI 118 CPK
29.1±0.1 (to VA)
29.1±0.1 (to VA)
65.9±0.1
45.8±0.1(POL)
1.3±0.2(AA TO POL)
46.2±0.15(OCA)
1.5±0.2(AA TO OCA)
48.55±0.1 to VA (DECO INK)
2.83" TFT 240(RGB)X320 DOTS
AA centerline
CPK FAI 115
(43.2)(LCD AA)
43.8(CL VA)
44.6(Touch AA)
!"M' Ô7Ì = qAèCµ * & * F '
Ø107.8±0.05
B
FAI 101 CTF
C
CTF FAI 103 0.1 A B
CG EDGE
4.75±0.1(to VA)
FAI 116 CPK
"D"
0.2 MFPC SUS304
[,+e7&
(4.325)
2.525±0.2
(0.9)CONN
ALL 0.15 CHAMFER
FAI 112 CTF

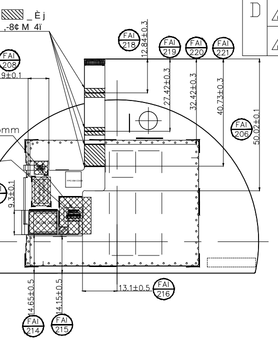

+0.15 1.8−0.1 CG (NO INK)
+0.15 1.81−0.1 CG+BLACK INK FAI 104 CTF CPK
0.2±0.03 LCD FPC+PI +ZIF PADS FAI 105
(0.12) FPC
A
0.4
SEE D"
FOR MEASUREMENT
3.495 Max DISPLAY COMPONENT FAI 202 CPK
4.145 Max TOUCH COMPONENT FAI 203 CPK


0.2 OCA
2.085 TP
0.055 扩散
0.066 下增光
0.096 上增光
0.07 GAP
0.05 黑色遮光胶
0.12 下片
0.8 LCD
0.12 上片
0.443 LGP
0.08反射
0.15铁框
DETAIL:D
SCALE: 5:1

£M' Ö ÈEžG Ö#{Gÿ&é } .

Detailed D 1:1


FAI 106
65.73±0.15 (LCM OD)
7.8±0.1 FAI 204
¯& FH35C-25S-0.3SHW(50)
-OR-
KYOCERA 046293625105468+
22.28±0.5
4.65±0.5 FAI 205
C"
FAI 207
25.91±0.5
FAI 109
31±0.2
11.86
Ø7.00 FAI 114 CTF
0.3 A B C
"é Ø 00Ç ÈALS O Ä „
Spec A Ö5±3% @550nm
Spec A1 Ö10±5% @850nm
Spec C Ö850nm/550nm=2±30% (or±0.6, ie. 1.40 to 2.60)
$ / 6 „7ì 3 (
Ô7ì › u j 7& j
3M-244
FAI 209 0.45mm MAX Ä 0) 3 & %
) 3 & 5 5H7ì Å
30.82±0.5
FAI 210 0.8MAX CTF
FAI 212 0.8MAX CTF
FAI 107
47.8±0.15 (LCM OD)
FAI 213 CTF 1.5MAX
M ¦ ¼5$.1 ç.1 j
% / ç.1
7 ' 0 >.1 ç.1 j
% / ¼5$.1 ç.1 j
98-23028-6875A-Y(T) YYMDD XXXX
13-22862-50091-24
47.8
57.99
F Õ˜»'Ö FP0409A-009G0YT
Screen printing TP information
28-81828-00018-63 XXYY
A
B
9.25±0.2
FAI 108
64.1
SENSOR j (=7-Cµ * % / F ' 0.3MM.
FPC!" ýM',-8¢ M 4ï 0 WKI
0 × f X 0 0 µ
,+e üM'7& 0.05mm+
SUS0.15mm+ ,+e üM'7& 0.05mm
F Õ˜0Q &é [5 5H7&4è 8#- ¯"é Ø>˜
M' Ö4.145 MAX


_ È j
,-8¢ M 4ï
FAI 218
12.84±0.3
FAI 219
FAI 220
FAI 221
FAI 208
7.9±0.1
27.42±0.3
32.42±0.3
40.73±0.3
FAI 206
50.02±0.1
FAI 211
9.3±0.1
13.1±0.5 FAI 216
14.65±0.5
14.15±0.5
FAI 214
FAI 215

@ ñ >.1 j Ö 98-23028-6875A-Y(T) (!" j * Ê @ ñ » '
YYMDD XXXX----- ?ô l ² ;>˜ Ö

Ä <<	O ¤	¤ - } ƒ ¤ ¤ -,´ 0 > T } ²									
(M)	O 8	8 - } a 8-( ) Ä a È$ % &-( ) Ä a 8									
(DD)	O	O } +O × ƒ O È a									
(XX)	E–L$ .1	"•L E–L$	A1	A2	A3	A4	B1	B2	B3	B4	......
		¹ íE–L$	T1	T2	T3	T4	T5	T6	T7	T8	......
(XX)	E–L$4ï [.1	4ï ƒ	$,-* E–L$4ï ƒ a				% L* E–L$4ï ƒ a				B ?ñ4ï ƒ .1>˜
		» ²	$ j,-* 4ï				% j L* 4ï				

M ¦ ¼5$.1 ç.1?ô l

¼5$.1 l ? ' 0.1 ² . Ö M0?± ¯+X,-8¢"é Ø); ?ô l f P P

/j » Ö

'.1 n/j µ é j Ö ~ É ' ++O × O +#q"d.1 + ² [+(x \ (¡ 26.1)

'.1 µ é Ö HQ70101001C80880600001 DJ 01

A2 13} HQ É ' O #q"d ' ² [(x \ '

01-13Ö É ' (13.1)HQ70101001C80* Ê = ´j ‡ 0)

14-17Ö+O × O (4.1 È ¤ 1.1 0 > 0 } È 8 1.1 È T.1 È » 2018¤8 8 6 ' j

8806È 8 - þ 1 ` 12 _123456789 ABC)

18-22Ö #q"d ' (5.1 È ¯+X 16F f 0~FÈOÆ } =7- ¯+XF È 0 W l j

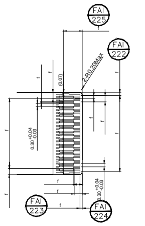
EFFFF=983039)

23-24Ö ² [(2.1 È * Ê ² v9! ·5Y É,´ } T Z ‡!ý); M ¦ y+e j Ö DJ

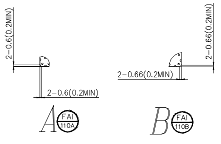
25-26Ö(x \ (2.1 È 7(™ É,´(x \ ² 00 F 01 È(™ É(x \ 08\Gÿ × > = ½ $),

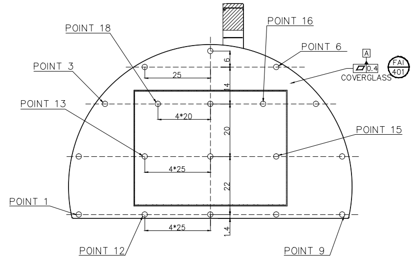
!" © A (jOÆ © Ô È * Ê j 01

PIN NO	DINFINATION
1	GND
2	(TOUCH_ID)1.8V
3	TP_INT_L
4	TP_RST_L
5	TP_SCL
6	TP_SDA
7	TP_VCC_3V3
8	NC
9	GND

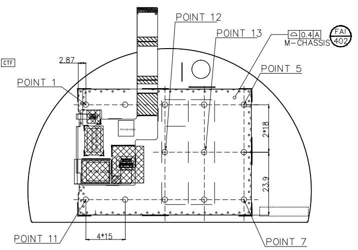

FAI 225
FAI 222
2-R0.20Max
(0.07)
0.30 +0.04 -0.03
FAI 223
FAI 224

Detailed C
4:1

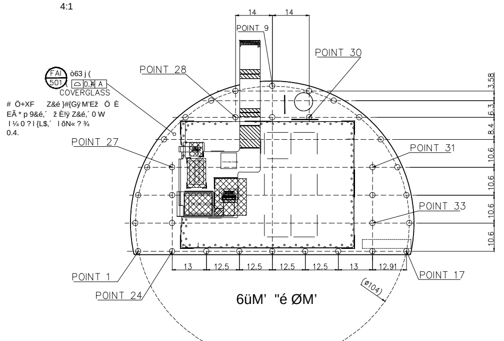

2-0.6(0.2MIN)
2-0.6(0.2MIN)
2-0.66(0.2MIN)
2-0.66(0.2MIN)
A FAI 110A
B FAI 110B


POINT 18
POINT 16
POINT 6
POINT 3
POINT 13
POINT 15
POINT 1
POINT 12
POINT 9
A
0.4 FAI 401 CTF
COVERGLASS
25
4*20
4*25
4*25
6
14
20
22
1.4

!"M'


POINT 12
POINT 13
POINT 5
POINT 1
POINT 11
POINT 7
0.4 A FAI 402
M-CHASSIS
2.87
4*15
2*18
23.9

6üM' "é ØM'


14 14
POINT 9
POINT 30
POINT 28
FAI 501 ô63 j (
0.4 A
COVERGLASS
# Ö+XF Z&é }#{Gÿ M'Ež Ö È
EÃ * p 9&é,´ ž È!ÿ Z&é,´ 0 W
l ¼ 0 ? l {L$,´ l õN« ? ¾
0.4.
POINT 27
POINT 31
POINT 33
POINT 1
POINT 24
POINT 17
3.58
6.3
8.4
10.6
10.6
10.6
10.6
13 12.5 12.5 12.5 12.5 13 12.91
(Ø104)

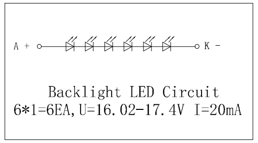
6üM' "é ØM'

BL to Connector stack

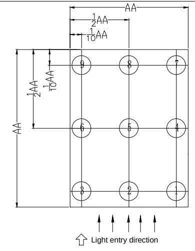
0.9mm	connector
0.12mm	MFPC
0.05mm	conductive PSA
0.15mm	stiffener SUS
0.05mm	conductive PSA
	% / Ä E D F N Å

CG (1.8mm)
OCA1 (125um)
Top ITO (0.05mm)
OCA2 (50um)
Bot ITO (0.05mm)
OCA3 (200um)
LCM (2.05mm)

PIN	Symbol
1	LEDA
2	LEDK
3	NC
4	VCI_3V3
5	IOVCC_1V8
6	RST_L
7	CS_L
8	GND
9	CLK
10	GND
11	WRX
12	MOSI
13	GND
14	MISO
15	TE
16	GND
17	LED_PWM
18	TOUCH ID
19	TP_INT_L
20	TP_RST_L
21	GND
22	TP_SCL
23	TP_SDA
24	NC
25	TP_VCC_3V3



Backlight LED Circuit
6*1=6EA, U=16.02-17.4V I=20mA

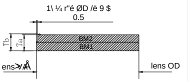

AA
1/2AA
1/10AA
1/2AA
1/10AA
AA
9 8 7
6 5 4
3 2 1

Light entry direction

Schematic diagram of optical test points

° _ ò
× ñ5 ´ *)) / & 0 7 / & 0
& * € É ' 7 0 0
n/j2« » 9! (7) 7 È8 'fU 8¢ Ä
/ & ' » ' = + , $ $ 7 , & P R G H O - '
Q4ô?ö@ þ Z é A#{Gÿ#â ¦ n/j •,´?ö@ & 5 Ú È e e e e P L Q
) 3 & iG}F Õ ˜ ÖFH35C-25S-0.3SHW(50);
6ü y / (' / (' 6 3 ˜*3 C Y Ä+e#q ¼+e » 9 l 9 , l P $
/ & 0] ó Þ Ö 520 F G ƒ 0 , 1600 F G ƒ 7 < 3
7 / & 0] ó Þ Ö220 F G ƒ 0 , 1260 F G ƒ 7 < 3
w 0 W P L Q W \ S # S R L Q W V
NTSC:65%MIN 70%TYP;CR:1000:1 min/1200:1 typ
8¢ € 7 & (, ; f < f Ä
ˆ Ø$Y Ö a È Œ$Y Ö a
j (7Aà) $, j £K^ j (ÈM0 ˜G #{Gÿ ¦ & 3 .1Ñ × & 3 . 1 M0?± &#{B E+X W ?
Z 7Aà j (œ f
*AÞ Q ‡ >G > j1á # "Û Ã 3 (7 L$LÉ = ? ¾ P P Ä
)ß ?±"r 5 2 + 6 Ã +) Ã 5 ($ & +
) 2 * É ' Ö83-02825-6875A-Y(T)

B$ >
× ñ5 ´ Ö *)) È '
& * €CX Ö y m /¿60Tinted Glass 1.8T È & 6 Ú 0 S D ' R O Ú X P & 7 Ø
E¤ _ " Ö ;E¤ 3 % % ! 0 S D Ä :D D P P ;D D P P È v-$´ P P È » fFO Ö P P 0 L Q Å ×
?*3Cü:m*3?¿ l J > P P Ê { Ë*3 F P 9 ² . p/j&é } ¡ &é 4 0!Q
>˜M' $) 4*6 È M û"d%$@ ! e È > Ä \ ÅJÒ M ù ™ !Q > È"d%$@ ! e
B P¼ » Ë Ö . JCOE- × » d j (Ö P P P P È>|0; Ö P P ÈFO Ö Ö F \ F O H P L Q È#{B !Q Ä 0!Q • 1Ç T!Q Å È
"é Ø j =1Ñ ×"d%$@ Ö
$ / 6 O Ä „"é Ø Ö + =HC18-T13963H
7 3 , & »:Goodix GT911 ×FJF ƒ Ö 5 ; 7 ;
& * 9 $F?E÷)· Ö 5%(400 Q P £ w l Å
U 8¢ Ø"d
k"é Ø Ê Ö : a.Total BM1+BM2 thickness, 7 D 0 X P b.Peak BM1+BM2 thickness, 7 E 0 X P
% 0 Ø"d + = + 7 , &
% 0 Ø"HZH PPW-720-J;
M 4ï,- Ø"d + = + 3 3 :
2 ' 1 "é ØLk Ç ! ^{10}!W ö
% 0 "é Ø>˜M'Eî l ÄEî 1D Å
7 / & 0 *CW 2 4 & 1 ' \ Q H Ä > Å) $ 7 34ô>õ ² , 4 & 1 ' \ Q H Ä > Å
"é ØLt-p Ë 1 % Ä+X 0 7& V#{B Å
ˆ Ø$Y Ö a È Œ$Y Ö a ×
)ß ?±"r 5 2 + 6 Ã +) Ã 5 ($ & +
9.BM Color cLab Spec (cLab = Color L, a, b. SCI mode)
L*: 25.5, a*: 0.08, b*: -0.31, deltaE: 0 .
1 R W H V ,I ,4& 24& PHDVXUHPHQWV GHWHFWHG / 1 YHULI\ LI SULQWLQJ RQ WKH ZURQJ VLGH


1\ ¼ r"é ØD /ë 9 $
0.5
Tb
Ta
BM2
BM1
lens>Å
lens OD

Customer approve	DJN 帝晶光电 SHEN ZHEN DJN PHOTOELECTRIC TECHNOLOGY CO.,LTD			
	Model No	98-23028-6875A-Y(T)	Part No	SZA4819
	Drawing Title	˜Cd 8 @ ñ	Drawn	;Q "	A2
	Drawing No	D-RD-219-23	Checked	CnM4	Unit MM
	Scale 1:1	1\ 9?ö@	Approve	1 l	Page 1/1

ÿÿ $XWRGHVN ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ