



PIN	SYMBOL	PIN	SYMBOL
1	NC	21	HS_D3P
2	VDD	22	GND
3	VDD	23	NC
4	GND	24	NC
5	RESX	25	GND
6	NC	26	NC
7	GND	27	PWMO
8	HS_DON	28	NC
9	HS_DOP	29	NC
10	GND	30	GND
11	HS_DIN	31	LED-
12	HS_D1P	32	LED-
13	GND	33	NC
14	HS_CN	34	NC
15	HS_CP	35	NC
16	GND	36	NC
17	HS_D2N	37	NC
18	HS_D2P	38	NC
19	GND	39	LED+
20	HS_D3N	40	LED+

1	Operating Voltage:	VDD=3.3V typ
2	Resolution:	720RGB*1280
3	Color:	16M
4	Interface:	MIPI DSI
5	Display type:	Transmissive
6	Viewing Direction:	Wide view
7	Operating Temp:	-20°C~70°C
8	Storage Temp:	-30°C~80°C
9	Driver IC:	HX8394-F
10	Unspecified tolerance:	±0.3

REVISION

REV	ECO NO	DESCRIPTION	DWN	DATE	CHKD	DATE	APVD	DATE	APVD	DATE
A		Initial		Sep1,07/2015						

DRAWN BY Zhixing, Xu
 DATE: Sept./07/2015
 CHECKED BY
 DATE:
 APPROVED BY
 DATE:
 APPROVED BY
 DATE:

UNLESS OTHERWISE SPECIFIED:
 1) ALL DIMENSIONS ARE IN MM.
 2) TOLERANCE
 .XXX ±.127
 .XX ±.254
 ANGLES ±0.5°



POLYTRONIX, INC. 805 ALPHA DRIVE
 RICHARDSON, TX 75081
 972.238.7045

CUSTOMER ID NUMBER: SHEET 1_0E_1

THIRD ANGLE PROJECTION
 DRAWING SIZE: C
 DRAWING SCALE: NONE
 DO NOT SCALE DRAWING

TITLE:
 CAGE CODE NO. 2Y126
 POLYTRONIX PART NUMBER: PT-50HD-NN-01
 REV.: A