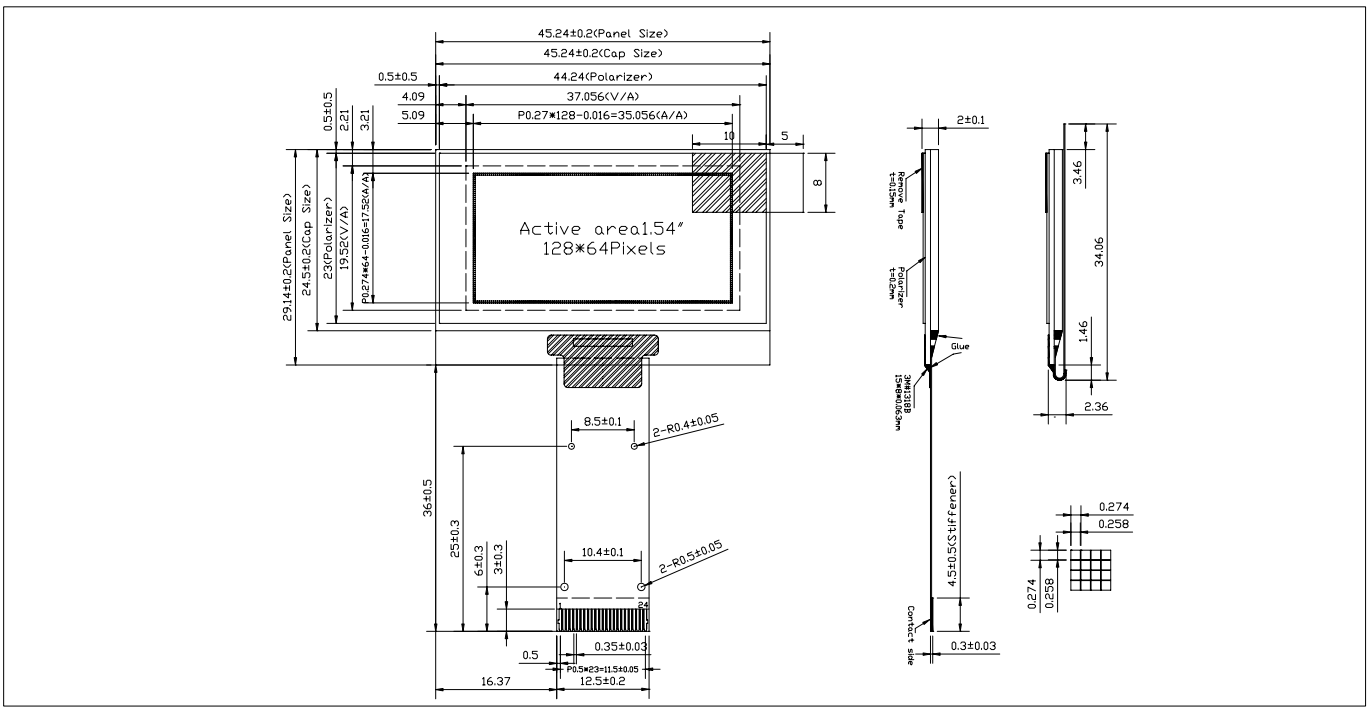
HGS12864G 1/64DUTY



PIN CONNECTIONS

Pin	Symbol	Function		Pin	Symbol	Function
1	NC(GND)	Connect to external ground		10	D/C#	data/command control
2	VLSS	Ground of analog circuit		11	R/W#	Read /Write select or Write.
3	VSS	Ground of logic circuit		12	E/RD#	Read /Write Enable or Read.
4	NC	No connection		13-20	D0-D7	Data bus line
5	VDD	Power supply for logic circuit		21	IREF	current reference for brightness adjustment
6	BS1	MCU interface select		22	VCOMH	Voltage output high level for COM signal
7	BS2			23	VCC	Power supply for OEL panel
8	CS#	Chip select signal		24	NC(GND)	Connect to external ground
9	RES#	Reset signal,active “L”				

PART CHARACTERISTICS

Item	Characteritics		Item	Symbol	Min.	Typ.	Max.	Unit
Display Color	Yellow		Supply Voltage for Logic	V_{DD}	2.4	2.8	3.5	V
Driver IC	SSD1305		Supply Voltage for Display	V_{CC}	12.0	12.5	13.0	V
Interface	8-bit 8080,8-bit 6800, 4-wire SPI, I^2C		Input High Voltage	V_{IH}	0.8XV_{DD}	-	V_{DD}	V
			Input Low Voltage	V_{IL}	0	-	0.2XV_{DD}	V
Operating Temp.	-30℃~85℃		Output High Voltage	V_{OH}	0.9XV_{DD}	-	V_{DD}	V
Storage Temp.	-40℃~90℃		Output Low Voltage	V_{OL}	0	-	0.1XV_{DD}	V