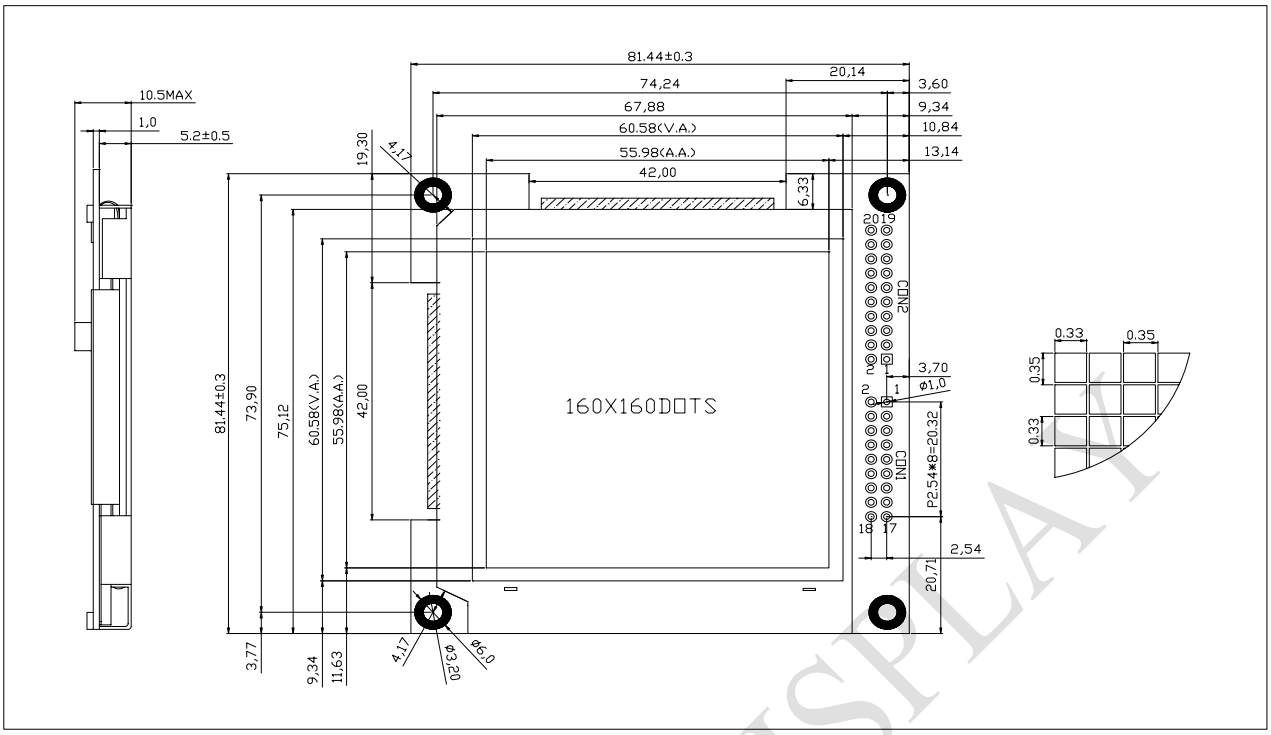
HGT1601602/2T 1/160DUTY 1/14BIAS



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V_{SS}	0V	GND
2	V_{DD}	3~5V	Logic power supply
3	V_0	-	LCD driver supply voltage
4	/WR	L	Write signal
5	/RD	L	Read signal
6	/CS	L	Chip enable signal
7	A0	H/L	"L" Data "H" Instruction code
8	/REST	L	Reset signal ,active "L"
9 | 16	DB0 | DB7	H/L	Data bus line
17	/DOFF	H/L	H: Display on L: Display off
18	V_{out}	-	Positive voltage output
19	A	3.3V	Power supply for LED backlight
20	K	0V	

NOTES:

1. Built-in controller (RA8835 or equal)
2. FSTN,TAB
3. Temperature compensation optional

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	81.44X81.44X10.5	mm
Viewing Area (W x H)	60.58X60.58	mm
Dot Pitch (W x H)	0.35X0.35	mm
Dot Size (W x H)	0.33X0.33	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V_{DD}-V_{SS}	-0.3	5.5	V
Supply Voltage (LCD)	V_0	-0.3	25.0	V
Input Voltage	V_I	-0.3	V_{DD}+0.3	V
Operating Temp.	T_{OPR}	-25	75	℃
Storage Temp.	T_{STG}	-30	80	℃

ELECTRICAL CHARACTERISTICS (V_{DD}=5.0V, Ta=25℃)

Item	Sym.	Min.	Typ.	Max.	Unit
Input High Voltage	V_{IH}	0.5V_{DD}	-	V_{DD}	V
Input Low Voltage	V_{IL}	0	-	0.2V_{DD}	V
Output High Voltage	V_{OH}	2.4	-	V_{DD}	V
Output Low Voltage	V_{OL}	0	-	0.4	V
Supply Current	I_{DD}	-	-	-	mA
LCD Driving Voltage	V_0	19.3	19.5	19.7	V

LED BACKLIGHT SPECIFICATIONS (Ta=25℃)

Item	Forward Voltage	Forward Current
White	3.1V	45mA