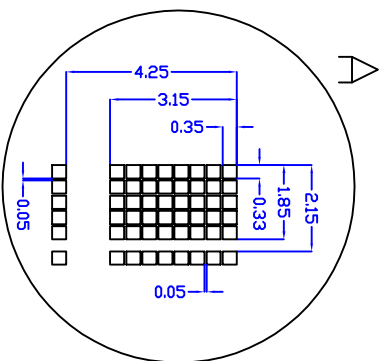
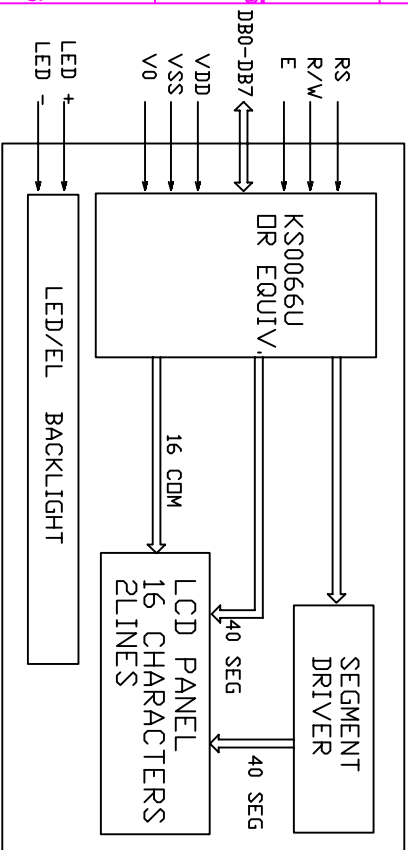
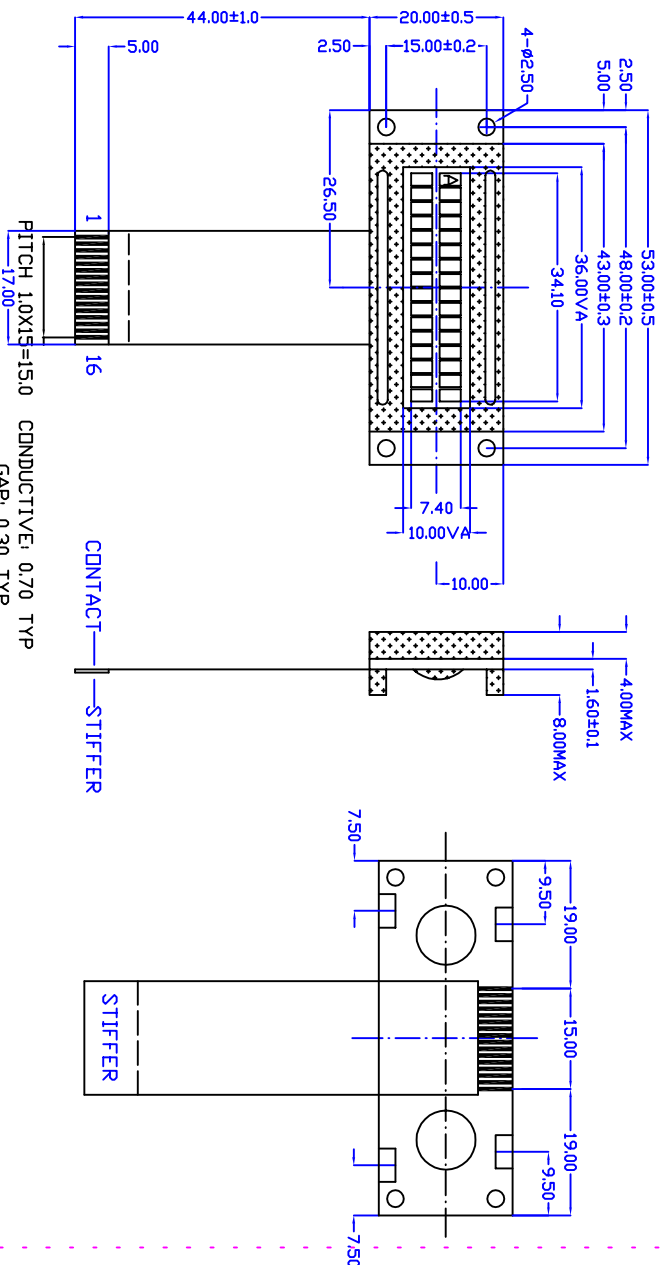




PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	VSS POWER SUPPLY
2	VDD POWER SUPPLY
3	V0 OPERATING VOLTAGE FOR LCD
4	RS DATA/INSTRUCTION SELECT
5	R/W READ/WRITE CONTROL
6	E ENABLE SIGNAL
7--14	DB0--DB7 DATA BUS
15	LED + POWER SUPPLY FOR LED BACKLIGHT (+)
16	LED - POWER SUPPLY FOR LED BACKLIGHT (-)

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX UNIT
POWER SUPPLY(V _{DD})	VDD-VSS	-0.3	7.0 V
POWER SUPPLY(V _{LED})	VDD-V0	-0.3	13.5 V
INPUT VOLTAGE	V _I	-0.3	VDD V

ELECTRICAL CHARACTERISTICS (VDD=5.0±0.25V, 25°C)			
ITEM	SYMBOL	MIN	TYP MAX UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0 5.25 V
SUPPLY CURRENT	IDD	-	1.3 2.2 mA
VOLTAGE FOR LCD	VDD-V0	-	4.8 - V
INPUT VOLTAGE	V _I	2.2	- VDD V
	V _{IL}	-0.3	- 0.6 V
	V _{OH}	2.4	- V
OUTPUT VOLTAGE	V _O	-	0.4 V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	53.0W x 20.0H x 8.0	MM
VIEWING AREA	36.0W x 10.0H	MM
CHARACTERS	16 CHARACTERS x 2 LINES	MM
CHARACTER SIZE	1.85W x 3.15H	MM
CHARACTER PITCH	2.15W x 4.25H	MM

OPTIONS	
1. LCD TYPE:	Y/G STN, GRAY STN, TN
2. BACKLIGHT:	WITHOUT BACKLIGHT, LED, EL
3. COLOR OF BACKLIGHT:	Y/G, BLUE, WHITE
4. TEMPERATURE RANGE:	NORMAL(-10--50°C)
5. POWER SUPPLY:	5.0V, 3.0V
6. VIEWING ANGLE:	6H, 12H
7. CHARACTER TABLE:	JAPANESE, EUROPEAN, CYRILLIC

NT-C16211A

16 CHARACTERS X 2 LINES



ALL DIMENSIONS ARE IN MM. TOLERANCE IS ±0.2 UNLESS OTHERWISE NOTED.

NELY, YOUR SUPPLIER, AND YOUR PARTNER!