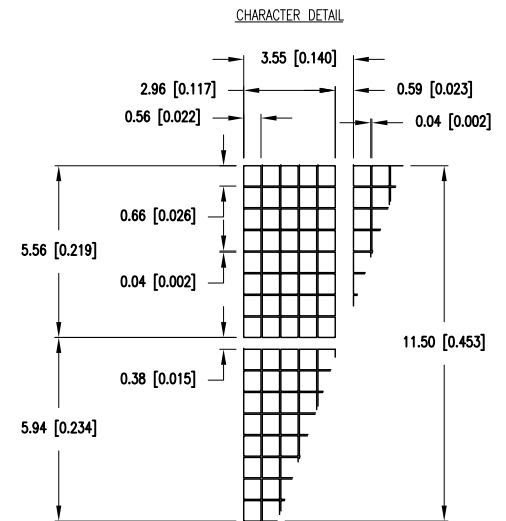
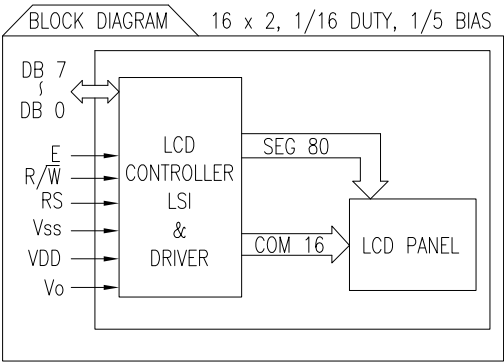
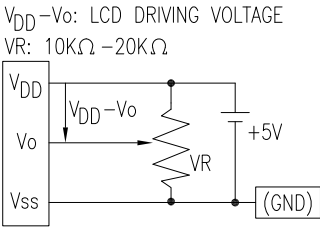




DATE: 05.21.14	DRAWN BY: MA
PAGE: 1 OF 2	CHKD BY: SS
SCALE: N/A	APRVD BY: SS
UNIT: mm [INCH]	(P6)

PIN CONFIGURATION				
PIN NO.	SYMBOL	LEVEL	FUNCTION	
1	Vss	-	POWER SUPPLY	GND (0V)
2	VDD	-		5V
3	Vo	-		FOR LCD DRIVE
4	RS	H/L	REGISTER SELECT SIGNAL H: DATA INPUT L: INSTRUCTION INPUT	
5	R/W	H/L	H: DATA READ (MODULE-->MPU) L: DATA WRITE (MODULE<--MPU)	
6	E	H,H->L	ENABLE	
7~14	DB0~DB7	H/L	DATA BUS-SOFTWARE SELECTABLE 4 OR 8 BIT MODE.	



ELECTRICAL CHARACTERISTICS		V _{DD} =4.7V to 5.3V, T _A =25°C					
ITEM		SYMBOL	CONDITION	STANDARD VALUE			UNIT
				MIN.	TYP.	MAX.	
SUPPLY VOLTAGE FOR LOGIC		V _{DD} -V _{SS}	—	—	5.0	—	V
SUPPLY CURRENT FOR LOGIC		I _{DD}	V _{DD} =5V	—	2.0	3.0	mA
INPUT VOLTAGE	HIGH	V _{IH}	—	2.2	—	4.7	V
	LOW	V _{IL}	—	0	—	0.6	V
OUTPUT VOLTAGE	HIGH	V _{OH}	—	2.4	—	—	V
	LOW	V _{OL}	—	—	—	0.4	V

ABSOLUTE MAXIMUM RATINGS					
ITEM	SYMBOL	TEST CONDITION	STANDARD VALUE		UNIT
			MIN	MAX	
SUPPLY VOLTAGE FOR LOGIC	VDD-Vss	Ta=25°C	4.7	5.3	V
SUPPLY VOLTAGE FOR LCD DRIVE	VDD-Vo	-	4.2@50°C	4.8@0°C	V
INPUT VOLTAGE	VI	Ta=25°C	Vss	VDD	V
OPERATING TEMPERATURE	Topr		0	50	°C
STORAGE TEMPERATURE	Tstg		-20	70	°C