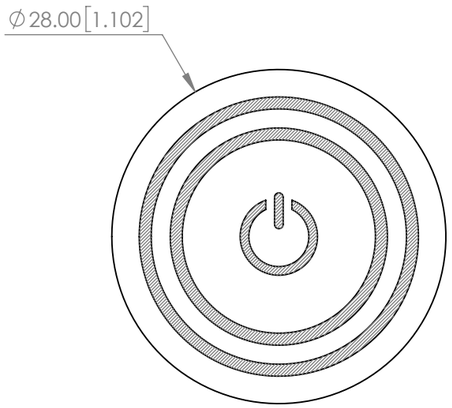
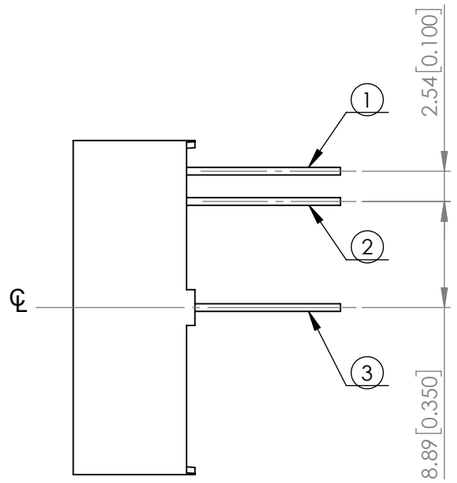
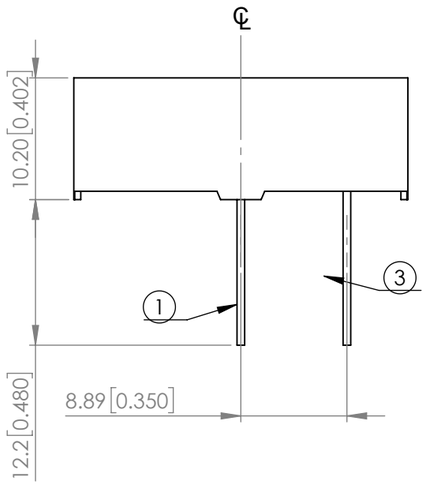
PRELIMINARY

PART NUMBER	LDM-TPC11079D	REV	X1

REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
X1	--	10.23.26







ELECTRO-OPTICAL CHARACTERISTIC TA=25℃ PER LED

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
OPERATING VOLTAGE	3.0	-	5.5	V	-
OPERATING CURRENT	100		300	mA	-
POWER DISSIPATION	-	-	500	mW	-
OPERATING TEMPERATURE	25	-	85	℃	
STORAGE TEMPERATURE	25	-	85	℃	-

PIN ASSIGNMENT

PIN NUMBER	DESCRIPTION
1	VDD (3V~5.5V)
2	GND
3	SIGNAL OUTPUT TOUCH: HIGH NOT TOUCH: LOW

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

ITW LUMEX
Creating LED · LCD & Switch Solutions
2325. KENYON ROAD.
BARTLETT, IL 60103
PHONE：800-278-5666
FAX：630-315-2150
WEB：WWW.LUMEX.COM

1.1" (28.0mm) HEIGHT ROUND DISPLAY WITH CAPACITOR TOUCH SWITCH LED BUTTON, GPIO OUTPUT.

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

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DATE： 2026.10.29	DRAWN BY：E.C.
PAGE： 1 OF 2	CHKD BY：T.S.
SCALE： NTF	APRVD BY：--
UNIT： mm [INCH]	Pb

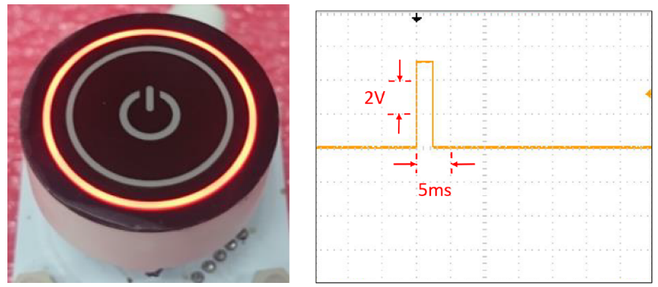
PART NUMBER	LDM-TPC11079D	REV	X1

TOUCH MODE (@ VDD=5V)

WAITING MODE

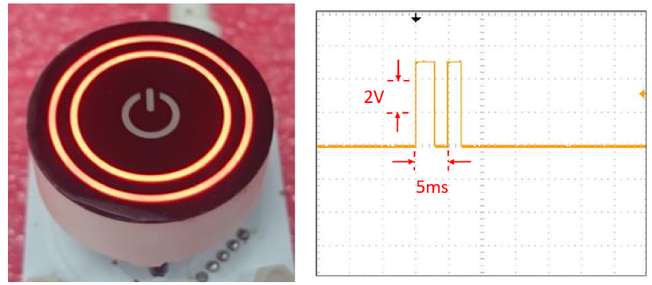


FIRST TOUCH



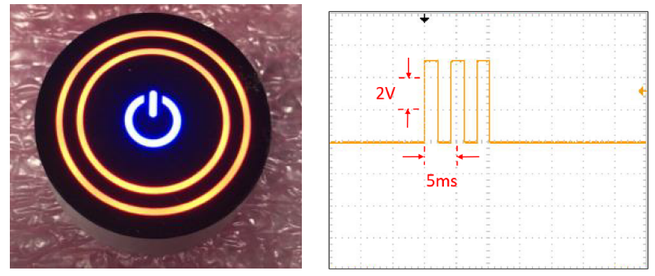
SIGNAL OUTPUT

SECOND TOUCH



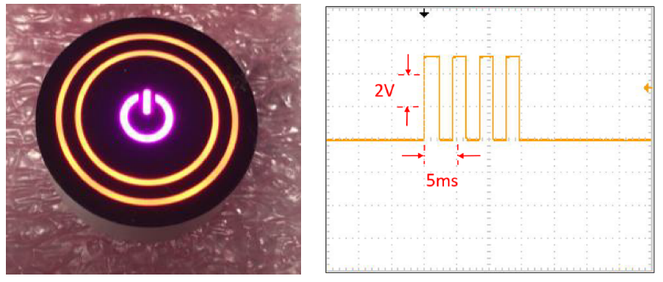
SIGNAL OUTPUT

THIRD TOUCH



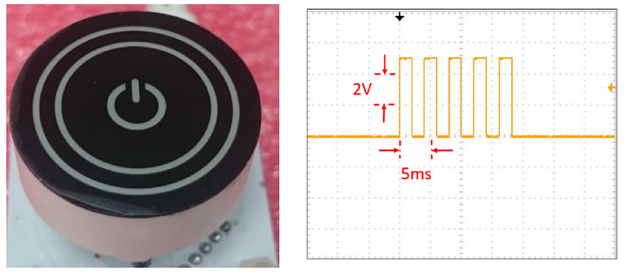
SIGNAL OUTPUT

FOURTH TOUCH



SIGNAL OUTPUT

FIFTH TOUCH



SIGNAL OUTPUT

NOTE:

1. THIS IS THE CURRENT DEFAULT SETTING FOR LDM-TPC11079D. LED COLOR. MODE AND SIGNAL OUTPUT CAN BE CUSTOMIZED. PLEASE CONTACT Lumex FOR ANY QUESTIONS.

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