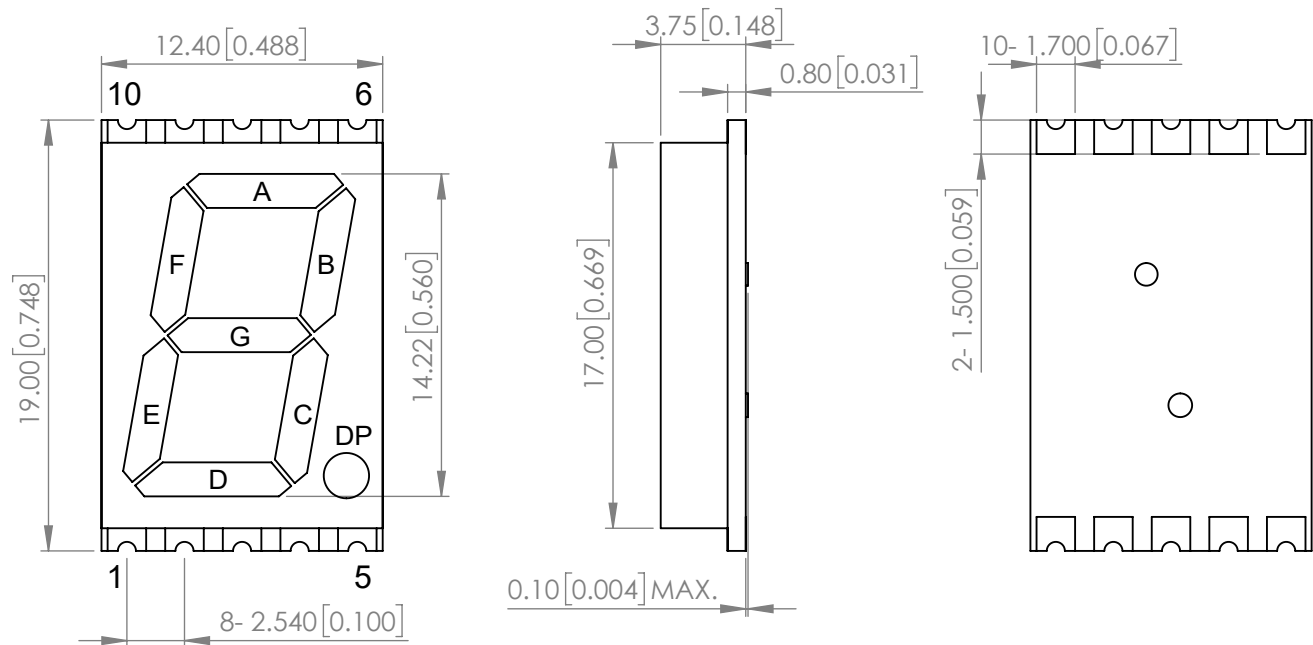


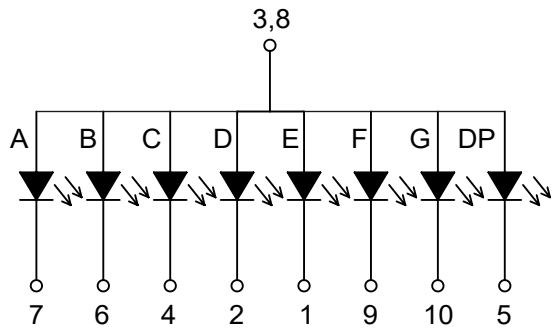
PART NUMBER		LDS-SMA5613RI-TR	REV	C
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N.#11204.&11205		12.28.04	
B	E.C.N.#11420		06.08.07	
C	ECN-Lumex202100050		05.11.21	



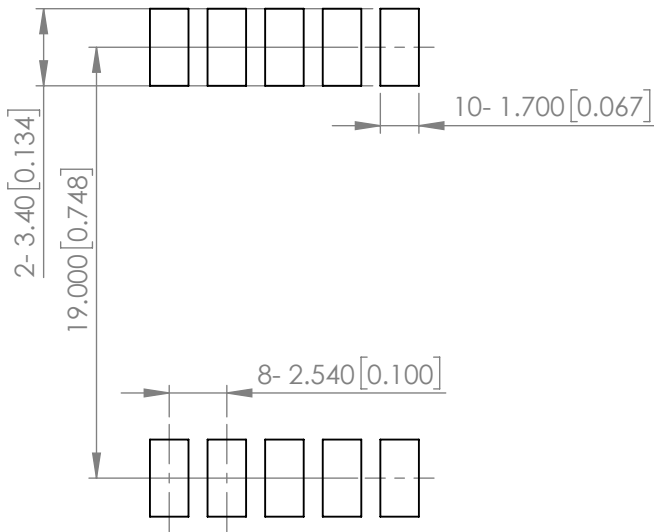
ELECTRO-OPTICAL CHARACTERISTIC TA=25℃ PER SEGMENT

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGHT	-	590	-	nm	If=10mA
FORWARD VOLTAGE	-	1.95	2.35	Vf	If=10mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	20000	-	ucd	If=10mA
EMITTED COLOR	YELLOW				
FONT COLOR	GRAY				
SEGMENT COLOR	MILKY WHITE DIFFUSED				

POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25℃ PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	175	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	70	mW
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-40 TO +85	℃
OPERATING TEMPERATURE	-40 TO +85	℃

* 1/10 DUTY CYCLE,0.1mS PLUSE WIDTH

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a STANDARDS

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= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

19.0(L)*12.4(W)*3.75(H)mm,0.56" SINGLE DIGET,SEVEN SEGMENT DISPLAY,590nm YELLOW,GRAY FACE WITH WHITE SEGMENTS,COMMON ANODE.

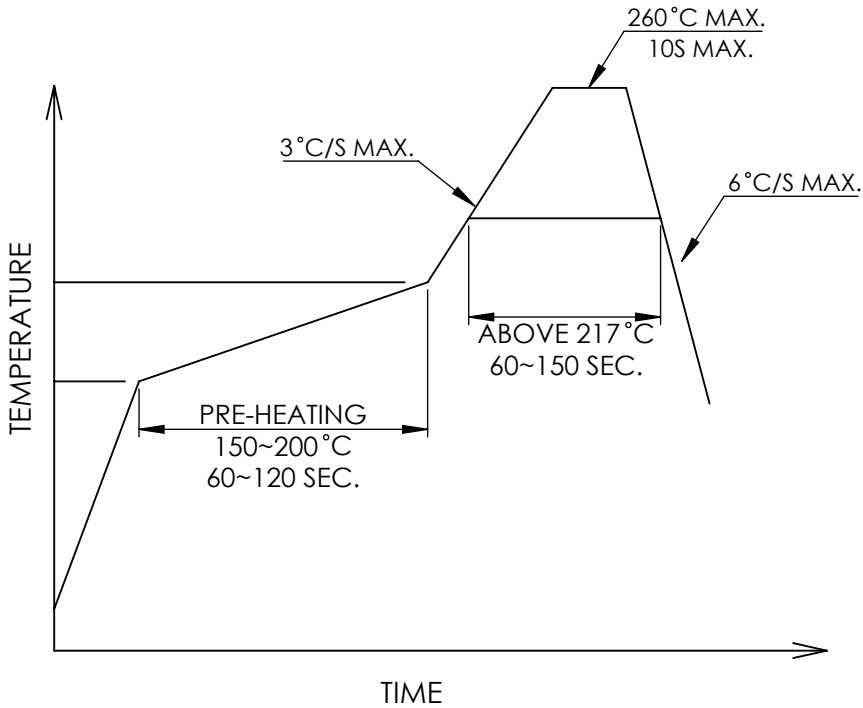
****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

CONFIDENTIAL INFORMATION

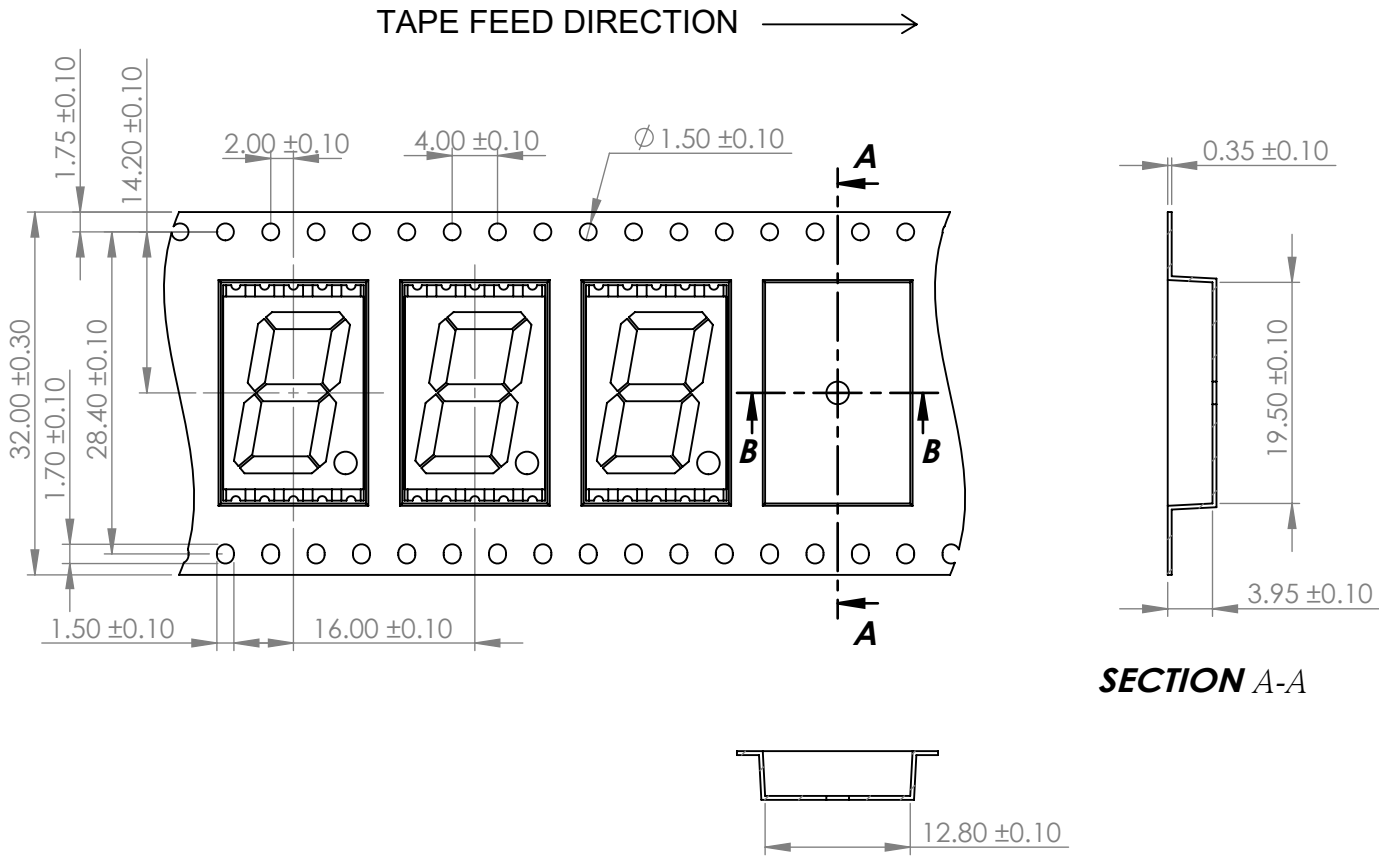
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE : 2021.11.05	DRAWN BY : E.C.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Ⓢ

PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. 400 PCS/REEL

*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= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

19.0(L)*12.4(W)*3.75(H)mm,0.56" SINGLE DIGET,SEVEN SEGMENT DISPLAY,590nm YELLOW,GRAY FACE WITH WHITE SEGMENTS,COMMON ANODE.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE : 2021.11.05

DRAWN BY : E.C.

PAGE : 2 OF 2

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

