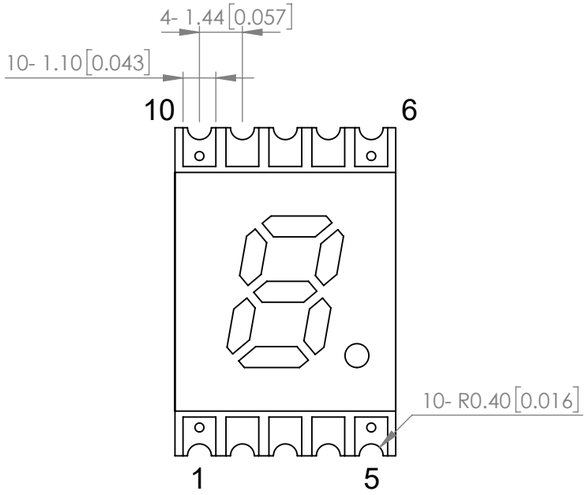
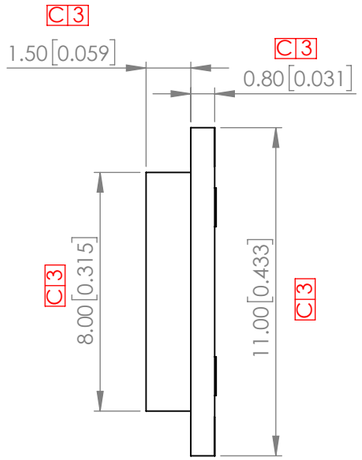
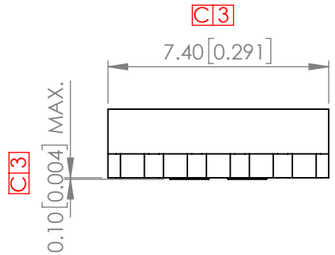
COMPANY CONFIDENTIAL
OPTO
P/N: OPS-S2040W3-STT-1.5-GW

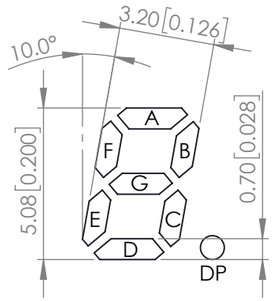
PART NUMBER	LDS-SMA2019RI-UWTR	REV	A

REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	ECN-Lumex202600032	10.23.26









ELECTRO-OPTICAL CHARACTERISTIC TA=25℃ PER SEGMENT

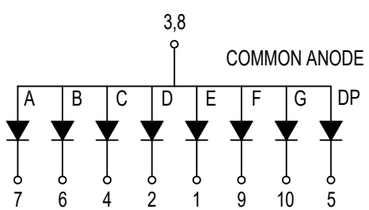
	PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
L 5	CHROMATICITY COORDINATE	X	-	0.300	-	-	If=5mA
		Y	-	0.296	-	-	
L 5	FORWARD VOLTAGE		-	2.8	3.2	Vf	If=5mA
L 5	REVERSE CURRENT		-	-	10	uA	VR=5V
L 5	LUMINOUS INTENSITY		-	65000	-	ucd	If=5mA
V 5	EMITTED COLOR		WHITE				
V 5	FONT COLOR		GRAY				
V 5	SEGMENT COLOR		MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25℃ PER SEGMENT

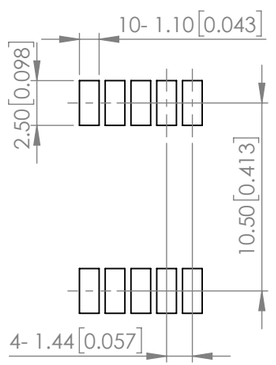
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	15	mA
FORWARD CURRENT	5	mA
POWER DISSIPATION	16	mW
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-40 TO +100	℃
OPERATING TEMPERATURE	-40 TO +85	℃

* 1/10 DUTY,1KHz

CIRCUIT DIAGRAM



RECOMMANDED SOLDER PAD



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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ 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

0.20" SINGLE DIGIT, SURFACE MOUNT SEVEN SEGMENT LED DISPLAY, WHITE COLOR, GRAY FACE WITH WHITE SEGMENTS ,COMMON ANODE.

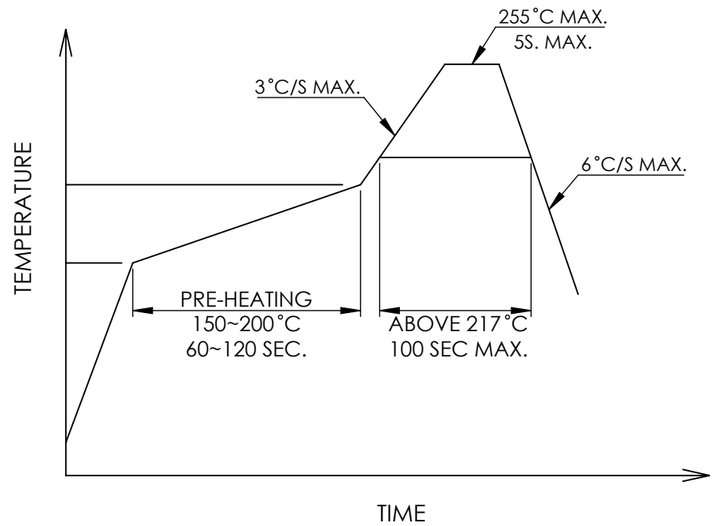
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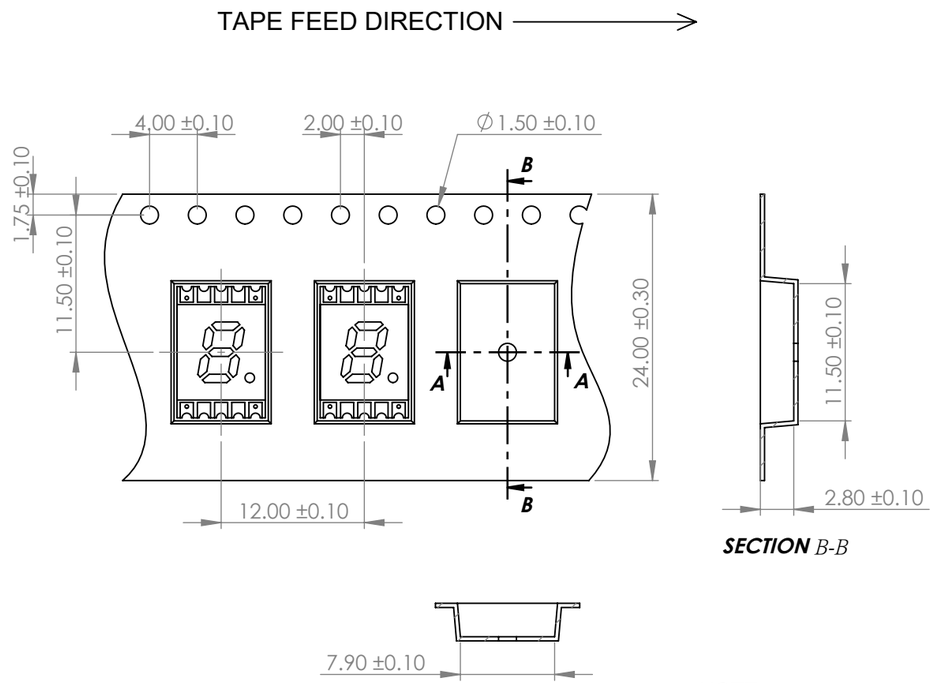
DATE : 2026.10.22	DRAWN BY : E.C.
PAGE : 1 OF 2	CHKD BY : T.S.
SCALE : NTF	APRVD BY : G.Y
UNIT : mm [INCH]	Pb

PART NUMBER	LDS-SMA2019RI-UWTR	REV	A

PROFILE



CARRIER TAPE DIMENSION



***SECTION** B-B*

***SECTION** A-A*

NOTE:
1.PACKING : 1500pcs/RELL

*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.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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