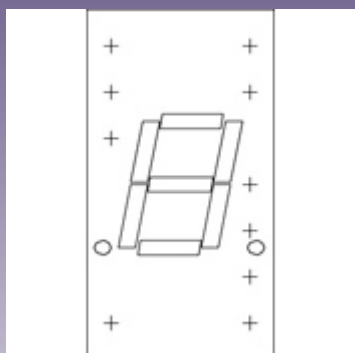




We Tame Photons to Work for You!



Products > LED Displays > Thru-Hole > Numeric > Single Digit > Standard > .30" > Standard



Features / Options

- ▶ Standard and high brightness chips
- ▶ Intensity grading available
- ▶ Custom Sizes at minimal tooling
- ▶ Face and segment off colors in grey and milky white
- ▶ Standard and High Brightness Chips
- ▶ Intensity Grading Available
- ▶ Custom Sizes Available
- ▶ Face and segment off colors in gray and milky white

Applications / Uses

- ▶ Test Instruments
- ▶ Diagnostic equipment
- ▶ Instrument and control panels
- ▶ Monitoring displays

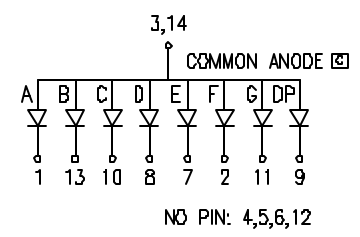
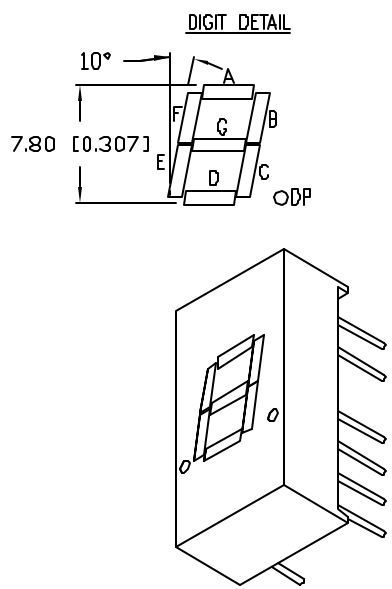
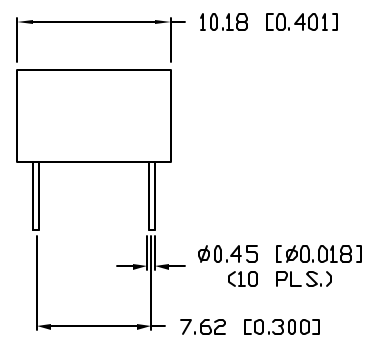
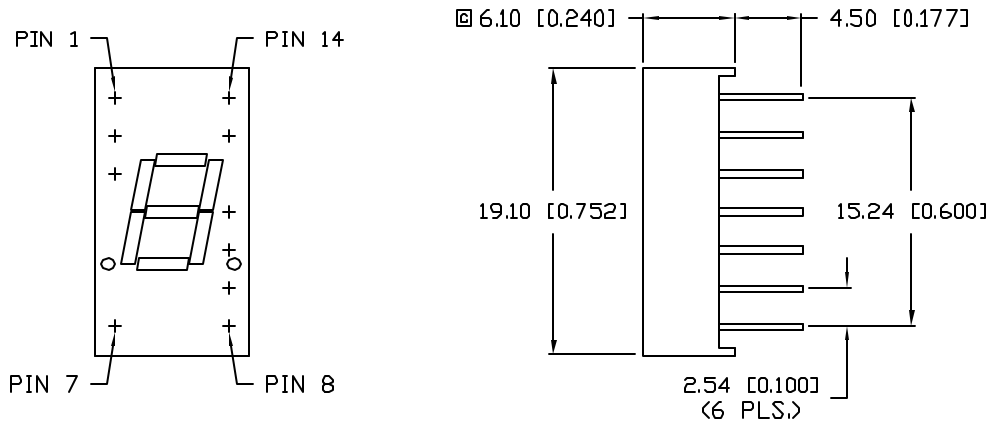
Part Number:	SPEC	Wavelength	Intensity mcd @ 10mA	Color	Common Pin	Face	Segment	Sample Cart	Stock Check
LDS-A302RI		565	3000	Green	(+)	Grey	White		—
LDS-A302RI-SUG		574	7000	Green	(+)	Grey	White		—
LDS-A303RI		585	3000	Yellow	(+)	Grey	White		—
LDS-A304RI		625	5000	Red	(+)	Grey	White		—
LDS-A304RI-SI		636	15000	Red	(+)	Grey	White		—
LDS-A305LE		700	880	Red	(+)	Black	Red		—
LDS-A306RI		660	9000	Unable to look up Color	(+)	Grey	White		—
LDS-A307RI-USB		470	6000	Blue	(+)	Grey	White		—
LDS-C302RI		565	3000	Green	(-)	Grey	White		—
LDS-C302RI-SUG		574	7000	Green	(-)	Grey	White		—

UNCONTROLLED DOCUMENT

PART NUMBER
LDS-A302RI

REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10387.	6.8.98
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.18.03
C	E.C.N. #11006.	6.23.03



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		2500		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

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

UNCONTROLLED DOCUMENT

REV. C PART NUMBER LDS-A302RI

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.



0.3" SEVEN SEGMENT, SINGLE DIGIT, LED DISPLAY, 565nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE, 10 PINS.

RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 1.17.97 PAGE: 1 OF 1 SCALE: N/A
-----------------	-------------	--------------	---