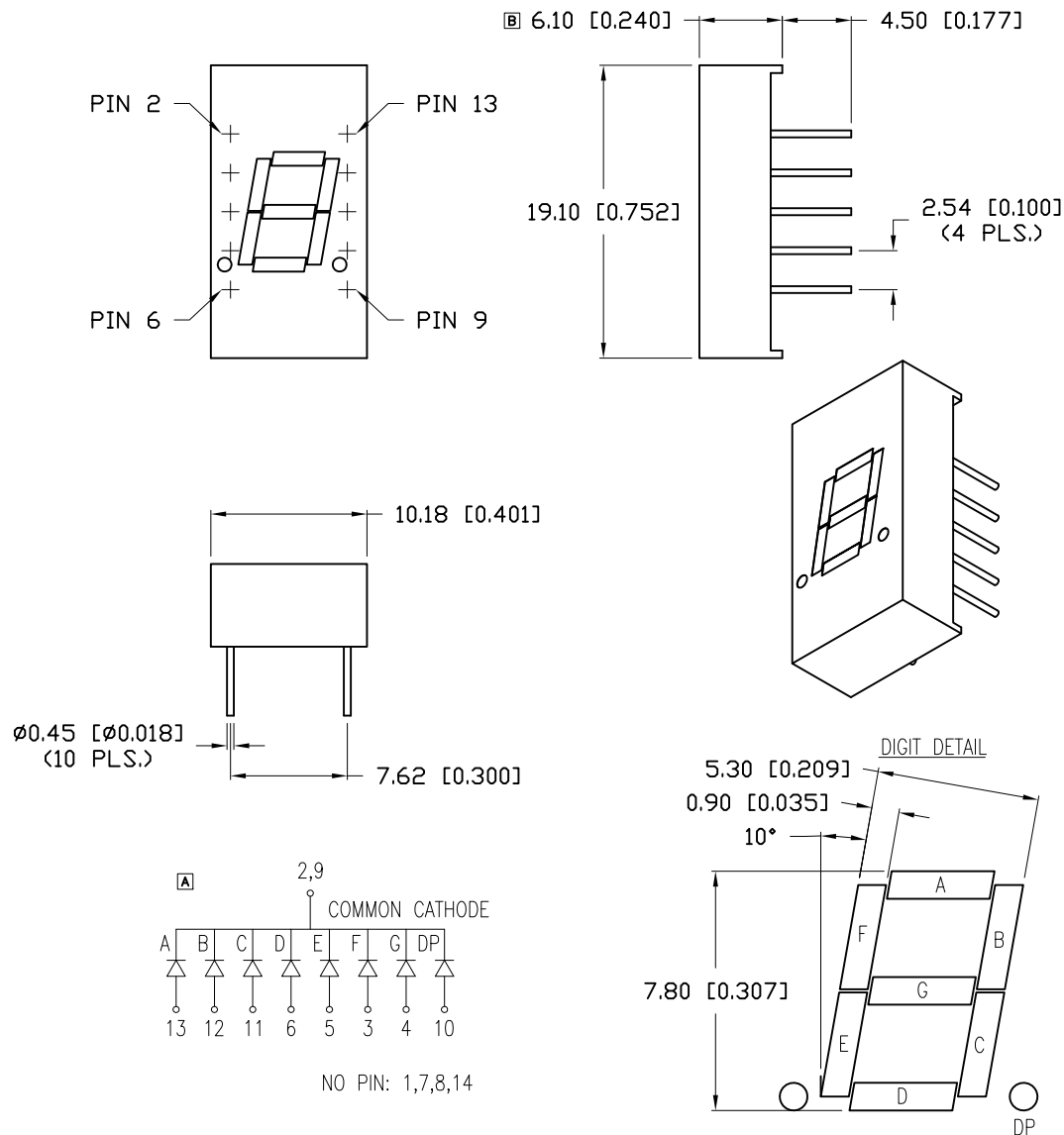


PART NUMBER	LDS-C304RI-SI	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.21.04	E.C.N. #11153.		A
12.07.04	E.C.N. #11193.		B
03.15.13	E.C.N. #10BRDR. & REDRAWN.		C

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		13000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-30 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$ *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), 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= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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MEMBER OF ITW PHOTONICS GROUP

0.30" SEVEN SEGMENT, LED DISPLAY, COMMON CATHODE, 636nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	03.15.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		(Pc)