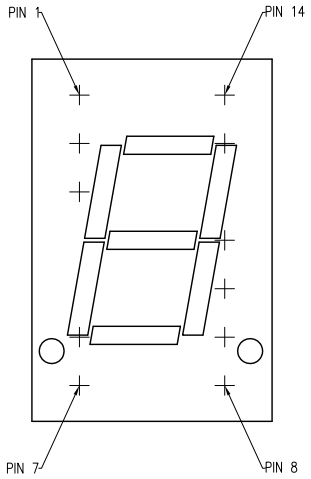
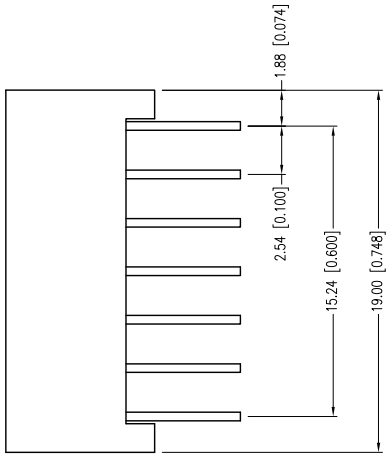
UNCONTROLLED DOCUMENT

PART NUMBER	LDS-C416RI	REV.	C

DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
04.20.98	E.C.N. #10BRDR. & REDRAWN.	A
10.01.14	E.C.N. #11930.	B
10.01.14	E.C.N. #10BRDR. & REDRAWN.	C





[A]

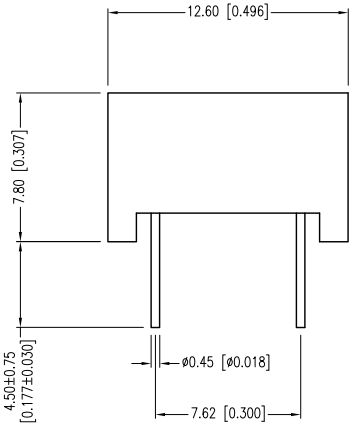
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA

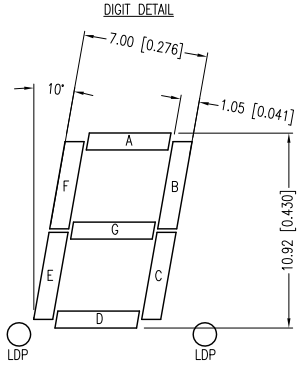
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.3	Vf	
REVERSE VOLTAGE	4.0			Vr	Ir=100µA
AXIAL INTENSITY		9800		µcd	If=10mA
EMITTED COLOR:	RED			2x theta	
FONT COLOR:	GREY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

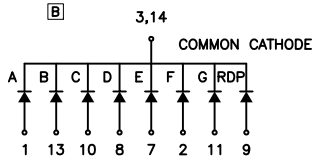
* t<10µS





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.

[B]



NO PIN 4, 5, 6 & 12

*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

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MEMBER OF ITW PHOTONICS GROUP

0.43" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 660nm RED, GREY FONT/WHITE SEGMENTS, COMMON CATHODE.

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

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DATE: 10.01.14	DRAWN BY: MA
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	Pb