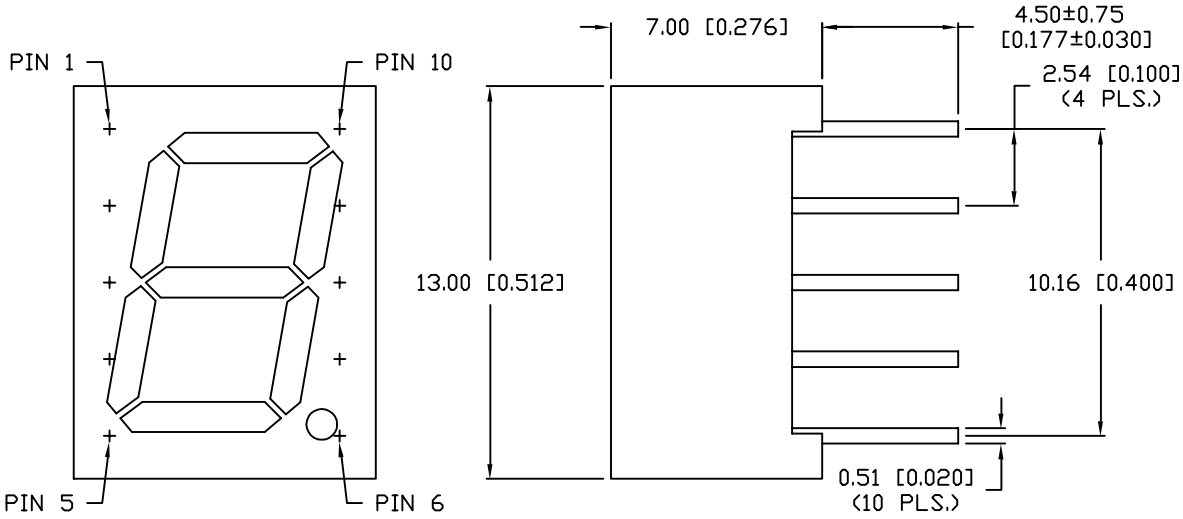
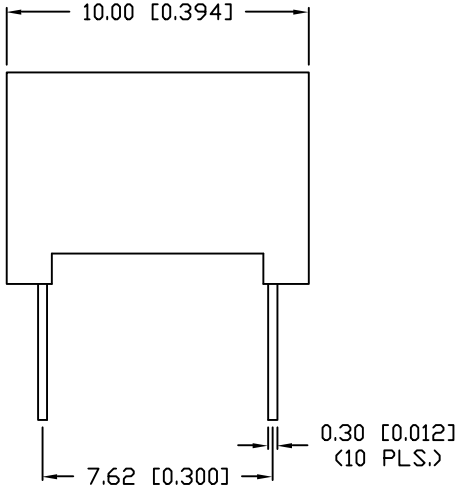
UNCONTROLLED DOCUMENT

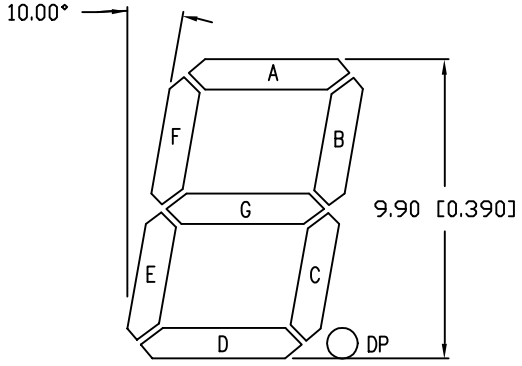
PART NUMBER	REV.
LDS-C3912RI	

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE





CHARACTER DETAIL



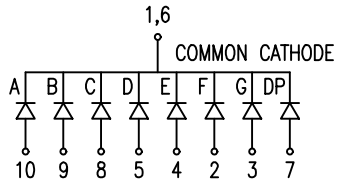
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		3500		µcd	I_f=10mA
EMITTED COLOR:	GREEN				
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	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS



REPLACES PART #:LDS-C392RI

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER
	LDS-C3912RI

0.39" SEVEN SEGMENT DISPLAY, COMMON CATHODE,
565nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS.

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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.

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BC			PAGE: 1 OF 1
			SCALE: N/A