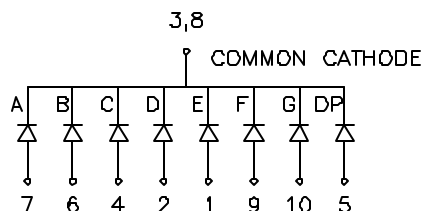
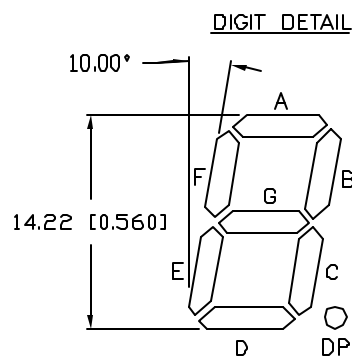
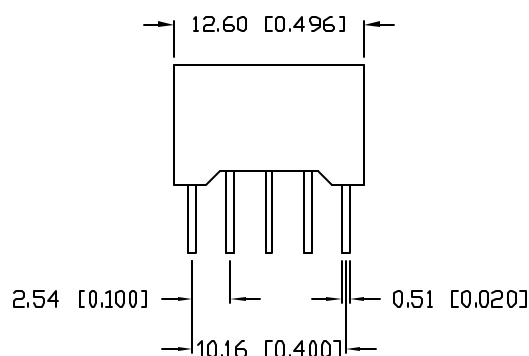
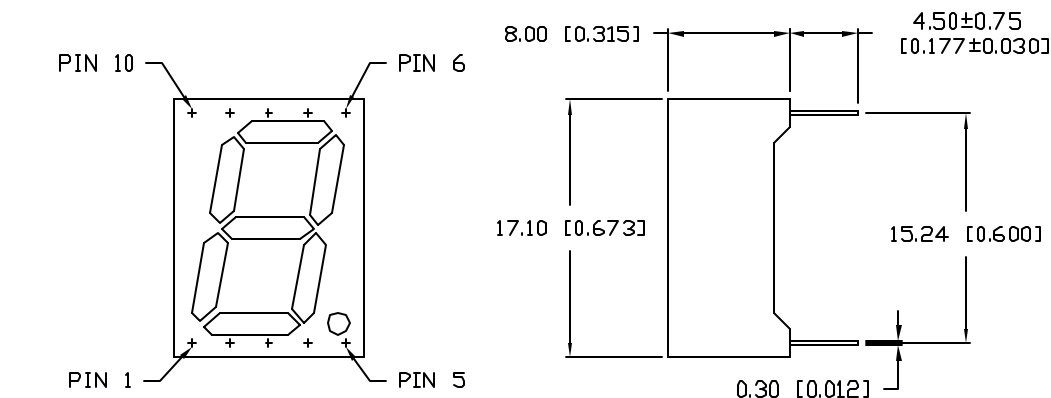


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PART NUMBER		REV.
LDS-C5642RI		
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$					
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	$I_r=100\mu\text{A}$
AXIAL INTENSITY		3900		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 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
* $t < 10\mu\text{s}$		

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

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0.56" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 565nm GREEN, GRAY FACE, WHITE SEGMENTS, COMMON CATHODE.		DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 3-4-99
		DU			PAGE: 1 OF 1
					SCALE: N/A

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