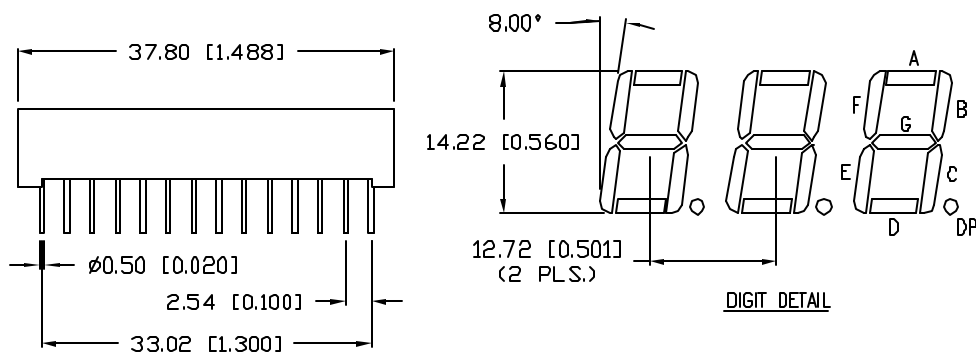
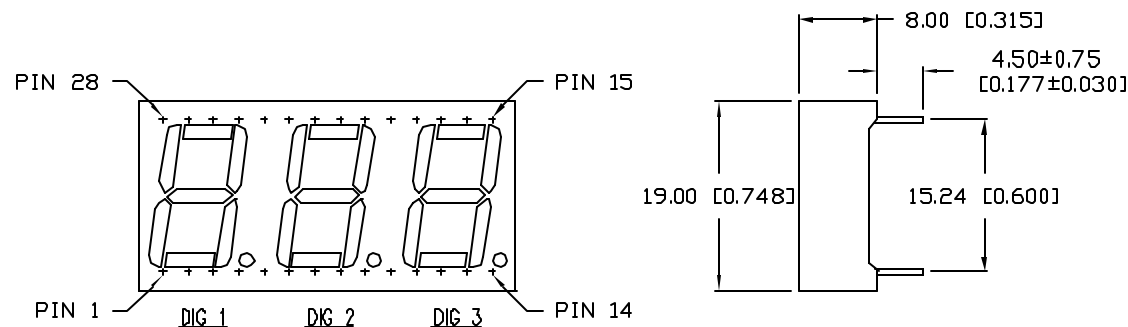
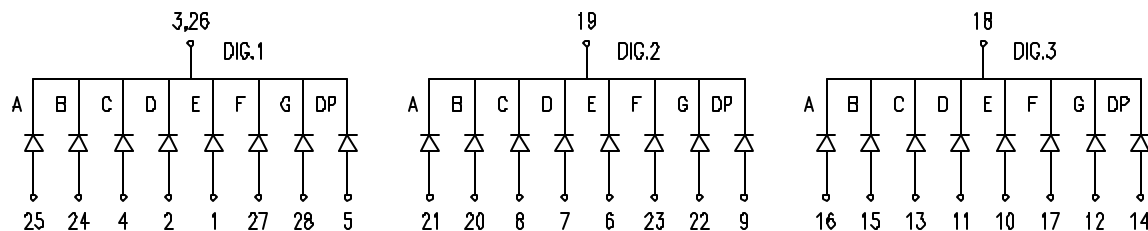


UNCONTROLLED DOCUMENT



COMMON CATHODE



PART NUMBER		REV.
LDT-C512RI		D
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10128.	2-28-96
B	E.C.N. #10164.	5-10-96
C	REDRAWN.	4-22-98
D	E.C.N. #10BRDR.	12-6-99

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C				I _f =10mA	
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 =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 DIE		
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

* $t < 10\mu s$

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

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 10-30-95
BC			PAGE: 1 OF 1
			SCALE: N/A

REV.

D

PART NUMBER

LDT-C512RI

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

CONFIDENTIAL INFORMATION

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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.

BC