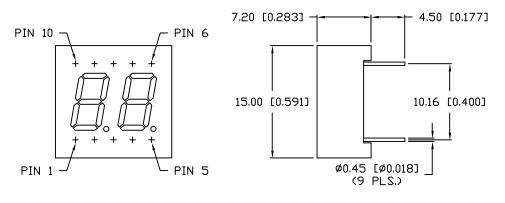
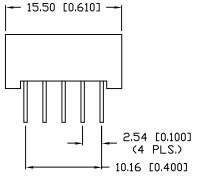
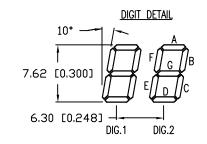
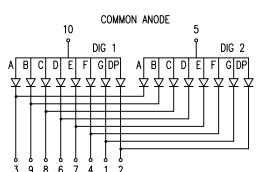
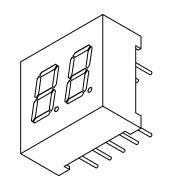
LDD-E306MI











ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	v_f	
REVERSE VOLTAGE	4.0			V_r	Ir=100µA
AXIAL INTENSITY		6000		μcd	$I_f = 10mA$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIPS

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	- 1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+ 260	. C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

UNCONTROU FD DOC *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 MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05

REV. PART NUMBER _DD-E306MI

0.30" SEVEN SEGMENT, DUAL DIGIT, LED DISPLAY, 660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS. MULTIPLEXED, COMMON CATHODE.

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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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