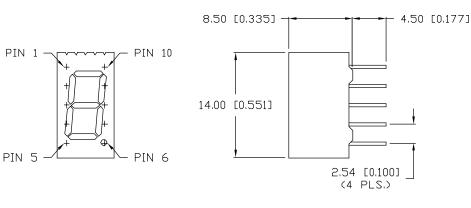
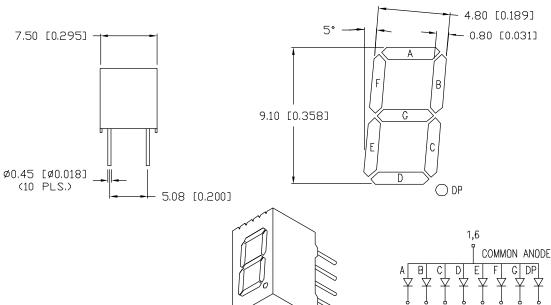
## LDS-A327RI-USB





ELECTRO-OPTICAL CH	HARACTER	RISTICS TA=25°C		$I_f = 10mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	۷f	
REVERSE VOLTAGE	5.0			٧r	1 <sub>r</sub> =100µA
AXIAL INTENSITY		6000		μcd	$I_f = 10mA$
EMITTED COLOR:	BLUE				
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	30	mA
POWER DISSIPATION	105	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<10uS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

\*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 -DECIMAL PRECISION

REV.

PART NUMBER LDS-A327RI-USB

0.36" SEVEN SEGMENT, LED DISPLAY, COMMON ANODE, 470nm BLUE CHIPS, GRAY FACE WITH WHITE SEGMENTS. 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.



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DRAWN BY:

CHECKED BY: APPROVED BY: DATE:

3.23.03 PAGE: 1 OF 1 SCALE: N/A