



*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=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE *		3.6/7.2	4.6/9.2	V _f	
REVERSE VOLTAGE	4.0			V _r	I _r =100μA
AXIAL INTENSITY		20,000		μcd	I _f =10mA
EMITTED COLOR:	SUPER RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

* FIRST VALUE FOR ONE CHIP IN SEGMENT A1, A2, D1, D2, G1, G2, H, K, N, L, DP.
SECOND VALUE FOR TWO CHIPS IN SEGMENT B, C, E, F, J, M.

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-20 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

* $t < 10\mu\text{s}$

REV.

PART NUMBER
LDS-EB225RI

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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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2.3" SINGLE DIGIT ALPHA NUMERIC DISPLAY,
660nm SUPER RED CHIPS, GRAY FACE,
MILKY WHITE DIFFUSED LENS, COMMON ANODE.

Mouser Electronics

Authorized Distributor

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