

1.5" Single Digit LED Display

Model NO. : IE-1R-21501NC

Chip (Ta=±25℃)		PIN	Drive Mode	Face
Quantity	Emitting color	—	Common Cathode	Black
15ea	Red			

■ Package Outlines (unit:mm)

Notes:

1. All dimensions are in millimeters (inches);
2. Tolerances is ± 0.25 (0.01") unless otherwise noted.

■ Internal Circuit:

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■ Absolute Maximum Ratings (Ta=+25℃)

Characteristics	Symbol	Rating	Unit	Remarks
Forward current/segment	I_F	25	mA	——
Peak forward current/segment	$I_{F(Peak)}$	100	mA	1/10 Duty Cycle
Reverse Voltage	V_R	$\frac{5*2}{5}$	V	——
/Segment /Dot				
Operating Temperature	T_{Opr}	-25 ~+80	℃	——
Storage Temperature	T_{Stg}	-40 ~+85	℃	——
Solder Temperature	T_{Sol}	260	℃	≤5 seconds
Power Dissipation/segment	P_d	60*2	mw	——

■ Electro-Optical Characteristics (Ta=25℃):

Parameter	SYMBOL	Test condition	Min.	Typ.	Max.	UNIT
Forward Voltage	V_F	$I_F=20mA$	——	$\frac{2.0*2}{2.0}$	——	V
/Segment /Dot						
Dominant Wavelength	λ_D	$I_F=20mA$	——	630	——	nm
Spectrum width (Half value)	$\Delta \lambda$	$I_F=20mA$	——	25	——	nm
Luminous Intensity/segment	I_V	$I_F=10mA$	——	40	——	mcd
Reverse current/segment	I_R	$V_R=5V$	——	——	10	μA