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# SPECIFICATIONS

ITEM	0.56" 2-DIGIT
PART NUMBER	AL-R2561A/K



**EASTERN TECH, INC**

#380-5, CHONGCHON-DONG, PUPYONG-GU, INCHEON, KOREA

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**1. Descriptions**

Part Number	Color	Digit Size	Chip_Material
AL-R2561A/K	Red	25.0×19.0×8.0	GaAsP/GaP

**2. Absolute Maximum Ratings**

(Ta=25 )

Parameter	Symbol	Rating	Unit
Power Dissipation	$P_D$	72	mW
DC Forward Current	$I_F$	30	mA
Pulse Forward Current *1	$I_{FP}$	80	mA
Operating temperature	$T_{odr}$	-20 to +60	
Storage temperature	$T_{sta}$	-30 to +80	
Reverse Voltage	$V_R$	5	V

 Note: \*1  $I_{FP}$  Conditions = Duty ratio 1/10, and Pulse width 0.1ms

**3. Electro/Optical Characteristics**

(Ta=25 )

Parameter	Symbol	Condition	Value			Unit
			Min	Typ	Max	
Forward Voltage	$V_F$	IF=20mA		2.0	2.4	V
Peak Wavelength	$\lambda$	IF=20mA		700		nm
Dominant Wavelength	$\lambda_D$	IF=20mA	630		638	nm
Spectral Radiation Bandwidth	$\Delta\lambda$	IF=20mA		35		nm
Reverse Current	$I_R$	VR=5V	10			$\mu A$
Luminous Intensity	$I_v$	IF=20mA	0.4			mcd

**4. OUTLINE DIMENSIONS**

