



Absolute Maximum Ratings (TA=25°C)		UR (GaAsP/GaP)	Unit
Reverse Voltage	V _R	5	V
Forward Current	I _F	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	i _{FS}	160	mA
Power Dissipation	P _T	75	mW
Operating Temperature	T _A	-40 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3~5 Seconds		

Operating Characteristics (TA=25°C)		UR (GaAsP/GaP)	Unit
Forward Voltage (Typ.) (I _F =10mA)	V _F	1.9	V
Forward Voltage (Max.) (I _F =10mA)	V _F	2.5	V
Reverse Current (Max.) (V _R =5V)	I _R	10	µA
Wavelength Of Peak Emission (Typ.) (I _F =10mA)	λ P		nm
Wavelength Of Dominant Emission (Typ.) (I _F =10mA)	λ D		nm
Spectral Line Full Width At Half-Maximum (Typ.) (I _F =10mA)	Δλ	45	nm
Capacitance (Typ.) (V _F =0V, f=1MHz)	C	15	pF

 AG Electrónica S.A. de C.V. República del Salvador N.20 Segundo Piso Tel. 5130 - 7210		
Acotación:	www.agelectronica.com	Rev 1. MPG
mm [pulgada]		Rev 2. JZB
Tolerancia:	BARRA 12 LEDS ROJO Y VERDE ULTRA BRILLANTE	
± 0.25 (0.01")	Fecha:	Número de parte AG
	20/AGO/08	BAR-12UR, BAR-12G

