

## MTAN3180-AUY

### Features

Excellent Character Appearance  
 High Light Output  
 IC Compatible  
 Low Current Requirements  
 Other Face/Epoxy Colors Available  
 Right Hand Decimal

### Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.	Unit
Forward Current	I <sub>F</sub>	30	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	–	mW
Operating Temperature	T <sub>opr</sub>	–25 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	–40 ~ +100	°C
Soldering Temperature	T <sub>sol</sub>	260	°C
Soldering Time	–	for 3 sec. max	–

### Opto-Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	–	1.90	2.40	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	–	–	100	A
Luminous Intensity	I <sub>v</sub>	I <sub>F</sub> =10mA	14.00	20.00	–	mcd
Peak Wavelength	λ <sub>p</sub>	I <sub>F</sub> =20mA	–	592	–	nm
Dominant Wavelength	λ <sub>d</sub>	I <sub>F</sub> =20mA	–	586	–	nm
Spectral Line Half Width	Δλ	I <sub>F</sub> =20mA	–	30	–	nm



## 0.8" Single Digit Alpha Numeric Display

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MTAN3180-AUY Graphs

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