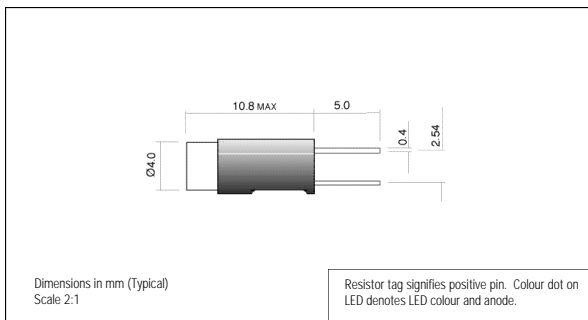


**FILAMENT REPLACEMENT LEDs - T1 1/4**



- Direct replacement for T1 1/4 BP
- Flat-topped for enhanced, even illumination of large lens areas



**203 SERIES**

**MLQ = 20**

LEDs



**Ordering Information & Typical Technical Characteristics (Ta = 25°C)**

Mean Time Between Failure = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

PART NUMBER	COLOUR	LENS	VOLTAGE DC Vopr	CURRENT DC Iopr	LUMINOUS INTENSITY Iv@20mA	WAVE LENGTH p	VIEWING ANGLE	OPERATING TEMP Topr	STORAGE TEMP Tstg
<b>HIGH INTENSITY</b>									
203-301-04-38	Red	Water Clear	1.9*	20	850	660	Wide	-40 ~ +80	-40 ~ +80
203-325-04-38	Yellow		2.1*	20	4400	590			
203-324-04-38	Green		3.4*	20	3400	525			
203-934-04-38	Blue		3.4*	20	1000	470			
203-998-04-38	White		3.4*	20	2000	•			
203-301-20-38	Red		5/6	16	850	660			
203-325-20-38	Yellow		5/6	15	4400	590			
203-324-20-38	Green		5/6	14	3400	525			
203-934-20-38	Blue		5/6	14	1000	470			
203-998-20-38	White		5/6	14	2000	•			
203-301-21-38	Red		12	20	850	660			
203-325-21-38	Yellow		12	20	4400	590			
203-324-21-38	Green		12	20	3400	525			
203-934-21-38	Blue		12	20	1000	470			
203-998-21-38	White		12	20	2000	•			
<b>UNITS</b>				<b>Vdc</b>	<b>mA</b>	<b>mcd</b>			

\* = Voltage DC for 20mA product is Vf@20mA, not Vopr

• = Typical emission colour: x=0.31, y=0.32. Colour temperature 8000K. Intensities (Iv) and colour shades of white (x,y co-ordinates) may vary between LEDs within a batch.

Please note - This product is also available at 24, 28 and 48Vdc. Please contact our Sales department for further details.



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