



BVG - 100QT3 / 100QT4

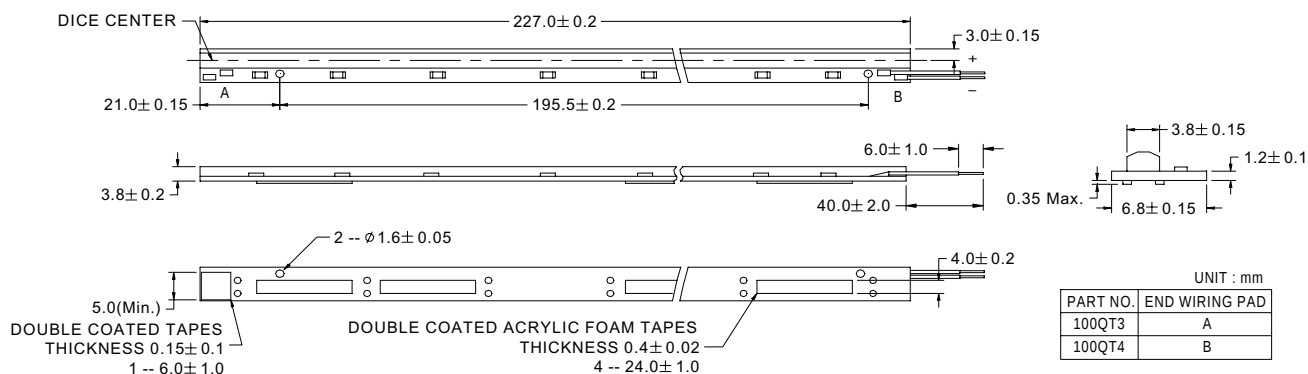
DESCRIPTION

Dice Materia : AlGaInP/Gap Super Orange

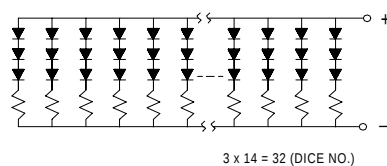
Light Color : Orange

Lens Color : Water Transparent

PACKAGE CONFIGURATION



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUTE MAXIMUM RATINGS AT Ta = 25°C

PARAMETER	MAX.	UNIT
Forward Voltage	10.5	V
Reverse Voltage	13.0	V
Power Dissipation	5.3	W
Operating Temperature Range	−10°C TO +60°C	
Storage Temperature Range	−25°C TO +80°C	

ELECTRICAL / OPTICAL CHARACTERISTICS AT Ta = 25°C

SYMBOL	PARAMETER	TEST COND.	MIN.	TYP.	MAX.	UNIT
I _{DD}	Forward Current	V _{DD} = 10 V		430	500	mA
I _R	Reverse Current	V _R = 13 V			0.5	mA
L _{vp}	Peak Luminous	V _{DD} = 10 V	12000			Lux
△EH	Uniformity	V _{DD} = 10 V			18	%
△L	Effective Illuminated Width	V _{DD} = 10 V	3.0	4.6		mm
λ _p	Peak Emission Wavelength	I _F = 20 mA		625		nm
△λ	Spectral Line Half Width	I _F = 20 mA		30		nm
L	Effective Illuminated Length	V _{DD} = 10 V		216		mm

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