



BVM-R36QT8

DESCRIPTION

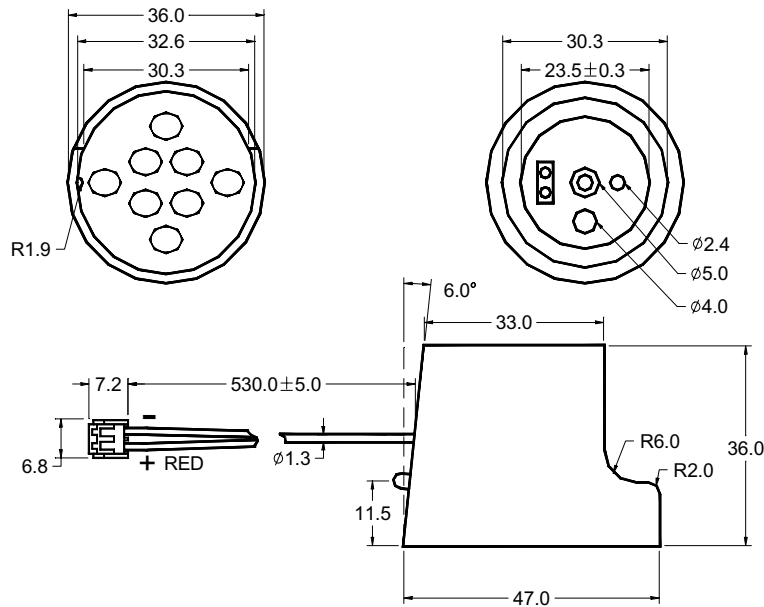
36mm round cluster. LED Part No : BVT-529QT8#R N,O,P

Number of built-in LED lamps: 8 pcs of ultra bright red LED.

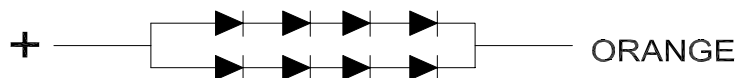
Dice Material : AlInGaP/GaP Super Brightness Orange Red

PACKAGE CONFIGURATION

Tolerance : ± 0.25 mm



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUT MAXIMUM RATINGS AT Ta = 25 °C

PARAMETER	MAX	UNIT
Power Dissipation	0.67	W
Continuous Forward Current	60	mA
Operating Temperature Range	-30 °C to + 60 °C	
Storage Temperature Range	-30 °C to + 80 °C	

ELECTRICAL / OPTICAL CHARACTERISTICS AT Ta = 25 °C

SYMBOL	PARAMETER	TEST COND.	MIN.	TYP.	MAX.	UNIT
V _F	Forward Voltage	I _F = 40 mA		9.0	12.0	V
λ _p	Peak Emission Wavelength	I _F = 40 mA		634		nm
λ _d	Dominant Wavelength	I _F = 40 mA		629		nm
2θ _{1/2}	Viewing Angle (Lamp)	I _F = 40 mA		30		Deg
I _v	Luminous Uniformity	I _F = 40 mA	11.2	32.0		cd

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