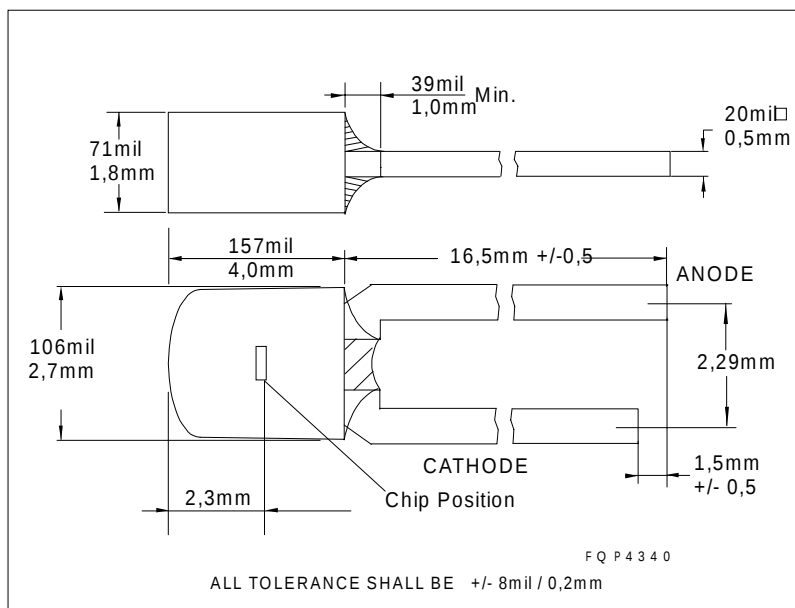


MinLED Green

568nm FQP4350

Features

- * Standard design LED for special purpose
- * without reflector, edged light ray on all sides
- * Water-clear package style
- * Very high brightness on all sides too
- * also available in white (FQP4840; 500mcd)
yellow (FQP4341; 30mcd)
blue (FQP4320; 100mcd)
and low-cost blue (FQP4321; 30mcd)
red or other color on request
- * Application :



Replacing of Mini-LED's in Sensor-Connectors Type M8 (Hirschmann ELST-serie or similar)
Bar-Graph-displays
Illumination

Electrical and optical characteristics and absolute maximum ratings (Ta=25°C unless otherwise noted)

Symbol	Parameter	MIN	Typ	MAX	Unit	Test conditions
I _F	DC Forward current			25	mA	
I _{PEAK}	Peak Forward current			75	mA	T _p < 10μsec. ; T=1:100 ; R _{therm} < 100 K/W
V _F	Forward Voltage		2,2	2,75	V	I _F = 10mA
V _R	Reverse Voltage	4			V	I _{rev} = 10μA
λ _{Peak}	Peak Wavelength		568		nm	I _F = 20mA
Δλ _{0,5}	Bandwidth of half power		25		nm	I _F = 20mA
I _v	Luminous intensity	15	25		mcd	I _F = 10mA
2F _{0,5}	Emission Angel horizontal		65		deg.	F _E / I _v = 50%; I _F =20mA, from top surface
2F _{0,5}	Emission Angel vertical	20			deg.	F _E / I _v = 50%; I _F =20mA, from top surface
TK _{VF}	Temp.Coeff. of Forward Voltage		0,25		mV/K	
TK _F	Temp.Coeff. of Radiant Power		0,8		%/K	
T _{Operating}	Operating Temperature	- 25		85	°C	
T _{Storage}	Storage Temperature	- 25		85	°C	
T _{Soldering}	Soldering Temperature			260	°C	5mm from case @5 sec.
Q _{j-PIN}	Thermal Resistance		450		K/W	
P _{tot}	Total Power Dissipation			65	mW	derate above 55°C 2,0mW/K

Order Informations : FQP4350 Bulk

Fietje reserves the right to make changes at any time in order to improve design and to supply the best product possible, contact Fietje for latest device specification sheets before using.