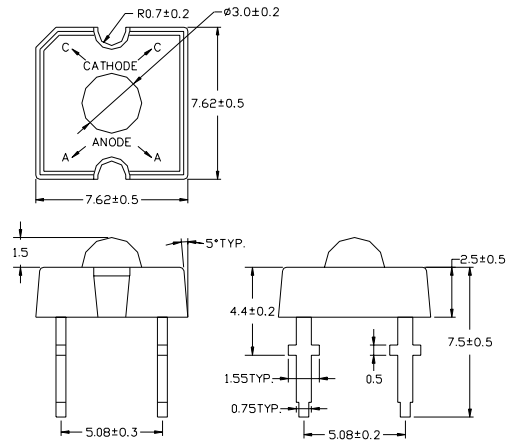
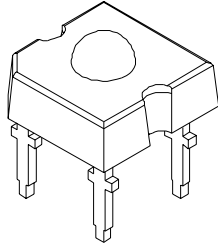


SUPER FLUX LED – P4 (piranha type), Wide Angle

DATA SHEET 3561 REV.



Absolute Maximum Rating: ($T_a = 25^\circ\text{C}$)

Symbol	Description	Max	Unit
P_D	Power dissipation	140	mW
V_R	Reverse voltage	5	V
I_F	Forward current	70	mA
T_{opr}	Operating temperature range	-30°C to 100°C	
T_{stg}	Storage temperature range	-35°C to 100°C	
Lead soldering temperature $\leq 260^\circ\text{C}$ for 3 seconds			

Electro-optical Characteristic: ($T_a = 25^\circ\text{C}$)

Part No.	Chip		Wave-length nm	IF (Forward Current) mA	Vf (volt) @ 20mA Typ.	Iv (mcd) @ 20mA Typ.	Φ_v (mim) at IF Typ.	Viewing Angle $2\theta_{1/2}$ Degree
	Material	Color						
LTP400-BHC-1	GaN	Green	470	30	3.3	900	1200	40
LTP400-GHC-2	GaN	Green	525	30	3.7	3200	1500	40
LTP400-WHC-1	GaN	White	--	30	3.3	1600	1200	70
LTP400-YTC-1	GaAlInP	Yellow	592	70	2.0	1000	2400	70
LTP400-YTC-2	TS GaAlInP	Yellow	592	70	2.0	1600	2800	70
LTP400-RTC-1	GaAlInP	Red	626	50	2.0	700	2500	70
LTP400-RTC-2	TS GaAlInP	Red	626	70	2.4	1500	5000	70

Features

- High current operation and high flux output
- Low thermal resistance and low profile
- Wide viewing angle

Description

The P4 (piranha type) is a clear lensed 7.6mm x 7.6mm square four-leaded package. This low profile design improves power dissipation and allows higher operating currents. Ideal applications for this product include emergency lighting, channel letters, interior/exterior automotive and truck lighting, strip lighting, outdoor signage and general illumination.

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