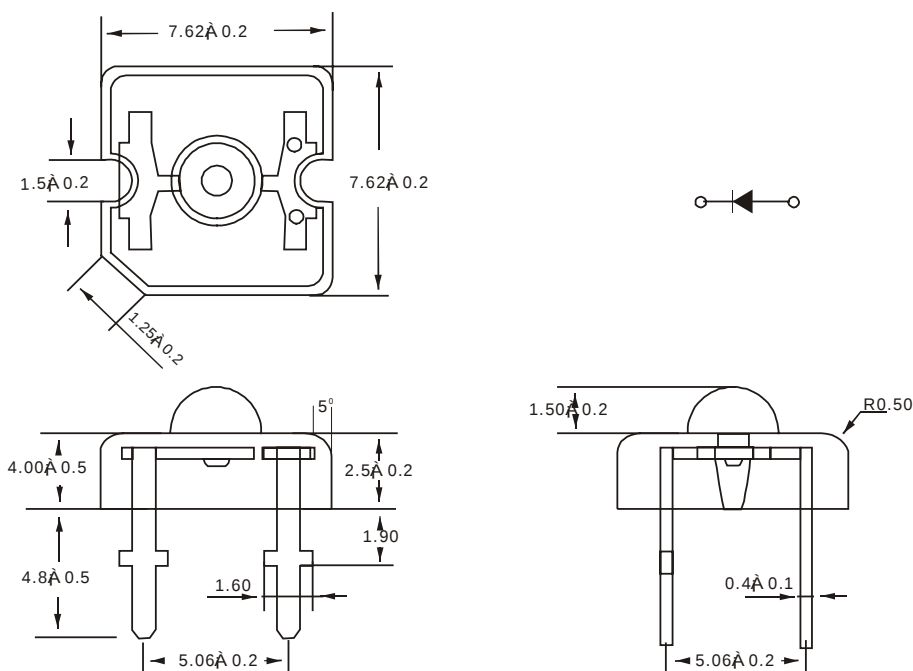


3Y1S2HCA

Pack Dimensions



PRODUCT MODEL		EMITTING COLOR			MATERIAL	
3Y1S2HCA		SUPER YELLOW			GaAlInP	
Electro-Optical Characteristics (T _a = +25 ^o C)						
PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP.	MAX	UNIT
Forward Voltage	V _F	I _F = 20 mA	1.70	1.90	2.10	V
Reverse Current	I _R	V _R = 5 V			10	μA
Luminous intensity	I _v	I _F = 20 mA	700	800	900	mcd
Chromaticity Coordinate	λp	I _F = 20 mA	586	588	592	nm
	Δλ	I _F = 20 mA		20		nm
Viewing Angle	Δθ	I _F = 20 mA		±45		deg
ABSOLUTE MAXIMUM RATINGS (Ta = +25 ^o C)						
Reverse Voltage (V)	Continuous Forward Current (mA)	Peak forward Current (mA)	Power Dissipation (mw)		Operating Temperature Range (°C)	Storage Temperature Range (°C)
10	100	500	200		-40~85	-40~10

ROITHNER LASERTECHNIK

Schoenbrunner Strasse 7, 1040 Vienna, Austria
Tel.: +43-1-586 52 43 - 0 Fax.: +43-1-586 52 43 44
office@roithner-laser.com www.roithner-laser.com