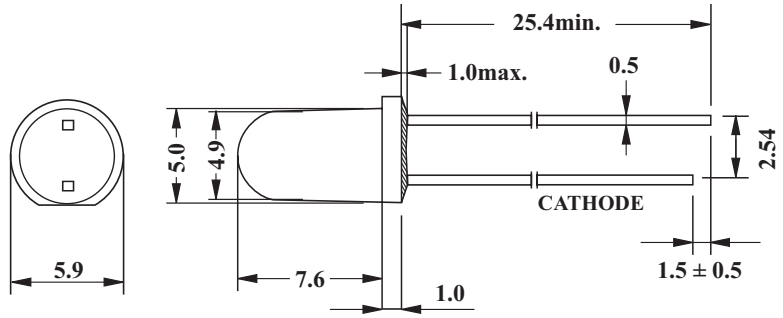
INFRARED EMITTING DIODE ROUND LAMP
OPL 155 IRXC

- **INFRARED EMITTING DIODE**
- Water Clear Lens



NOTES:

1. All dimensions are in milimeters
2. Tolerance is ± 0.2mm unless otherwise noted

ABSOLUTE MAXIMUM RATINGS

(Ta = 25ºC)

PARAMETER	SYMBOL	CONDITION	MAX.	MIN.	UNIT
Power Dissipation	Pd	——	100	——	mW
Reverse Dissipation	V_R	I_R = 10 μ A	——	9	V
Forward Current	I_{FM}	——	60	——	mA
Operating Temperature Range	Topr	——	+75	-25	ºC
Storage Temperature Range	Tstr	——	+100	-40	ºC

ELECTRO-OPTICAL CHARACTERISTICS

(Ta = 25ºC)

PARAMETER	SYMBOL	CONDITION	MAX	TYP.	MIN.	UNIT
Forward Voltage	V_F	I_F = 50mA	1.4	1.2	——	V
Reverse Current	I_R	V_R = 9V	10	——	——	μ A
Wavelength	λ p	I_F = 20mA	——	940	——	nm
Spectrum Width Of Half Value	Δ λ	I_F = 20mA	——	50	——	nm
Emitting Power	Ie	I_F = 50mA	——	35	——	mW/Sr
Arrival Distance	L	I_F = 50mA	——	——	16.5	m
Viewing Angle	2 θ 1/2	I_F = 50mA	——	40	——	Deg.

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