

INFRARED EMITTING DIODE

1.ELEMENT APPEARANCE

ERP No.	Model No.	Material	Lighting Color	Resin Color
	RT5-219KTS	AlGaAs/ GaAs	Non-Visible	Water Clear

2.ELECTRO-OPTICAL CHARACTERISTICS AT Ta=25°C

Characteristic	Symbol	Condition	Min.	Typ.	Max.	Unit
Radiant intensity	Ie	IF=50mA	1	2		mW/Sr
Forward voltage	VF	IF=100mA	1.1	1.35	1.7	V
Reverse current	IR	VR=7V			10	μA
Peak emission wavelength	λp	IF=50mA		940		nm
Spectral band width @ 50%	Δλ	IF=50mA		50		nm
Viewing angle	2θ 1/2	IF=50mA		140		deg.

※Ie 誤差値±15% mW/Sr 、VF 誤差値±0.05V、波長誤差値±1nm

3.DIMENSIONS UNIT :m/m

Tolerance is ±0.25mm unless otherwise specified.

1.CATHODE
2.ANODE

