

Square Type

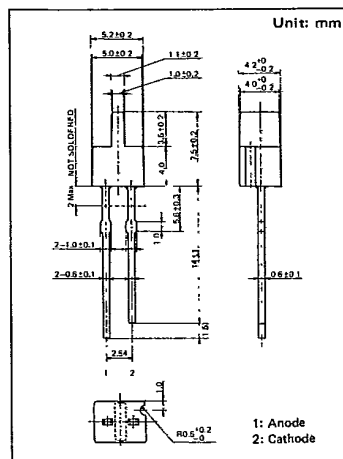
T-41-23

1mm X 4mm Series

- Characteristics: 1. Lighting surface 1mm x 4mm rectangle
 2. Uniform lighting surface
 3. High reliability, long life

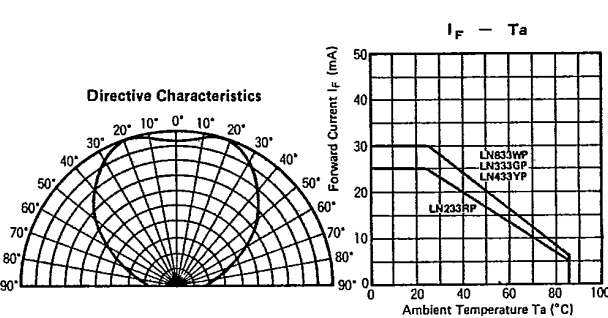
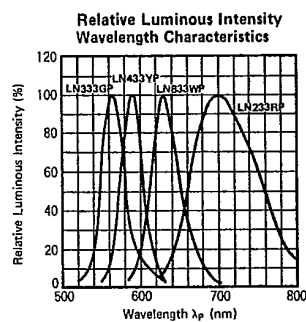
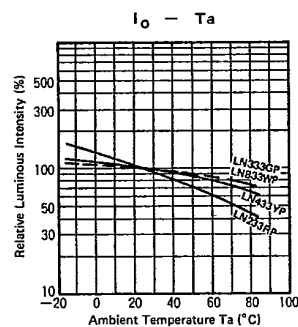
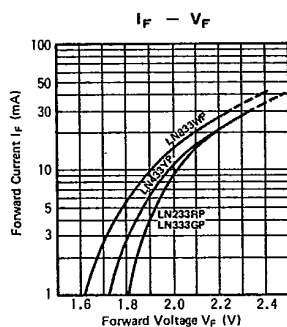
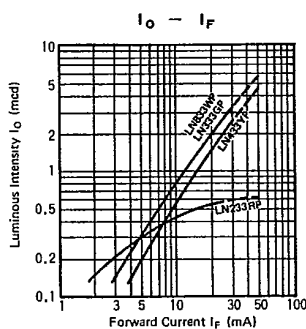
Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _F (mA)	V _R (V)	Topt(°C)	Tstg(°C)
Red	70	25	30	4	-25~+85	-30~+100
Green	90	30	40	4	-25~+85	-30~+100
Amber	90	30	40	4	-25~+85	-30~+100
Orange	90	30	40	3	-25~+85	-30~+100

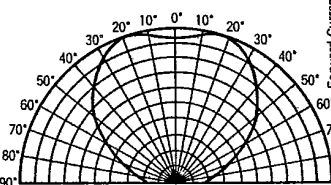


Electro-Optical Characteristics (Ta = 25°C)

Type No.	Lens Color	I _O			V _F		λ _p	Δλ _p	I _F	I _R	
		Typ.	Min.	I _F	Typ.	Max.				Max.	V _R
LN233RP	Red Diffused	0.5	0.10	15	2.2	2.8	700	100	20	5	4
LN333GP	Green Diffused	2.0	0.75	20	2.2	2.8	565	30	20	10	4
LN433YP	Amber Diffused	1.5	0.50	20	2.2	2.8	590	30	20	10	4
LN833WP	White Diffused	2.0	0.75	20	2.1	2.8	630	40	20	10	4
Unit	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



Directive Characteristics



Square Type

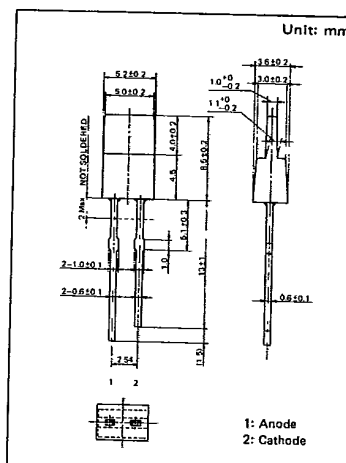
T-41-23

1mm X 5mm Series

- Characteristics:
1. Lighting surface 1mm x 5mm rectangle
 2. Uniform lighting surface
 3. High reliability, long life

Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	PO(mW)	IF(mA)	IFM(mA)	VR(V)	ToPr(°C)	Tstg(°C)
Red	70	25	30	4	-25~+85	-30~+100
Green	90	30	40	4	-25~+85	-30~+100
Amber	90	30	40	4	-25~+85	-30~+100



Electro-Optical Characteristics (Ta = 25°C)

Type No.	Lens Color	Io			VF		λ_p	$\Delta\lambda_p$	IF	IR	
		Typ.	Min.	IF	Typ.	Max.				Max.	VR
LN224RP	Red Diffused	0.6	0.3	15	2.2	2.8	700	100	20	5	4
LN324GP	Green Diffused	2.5	1.0	20	2.2	2.8	565	30	20	10	4
LN424YP	Amber Diffused	2.0	0.7	20	2.2	2.8	590	30	20	10	4
Unit		mcd	mcd	mA	V	V	nm	nm	mA	μA	V

