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Square Type

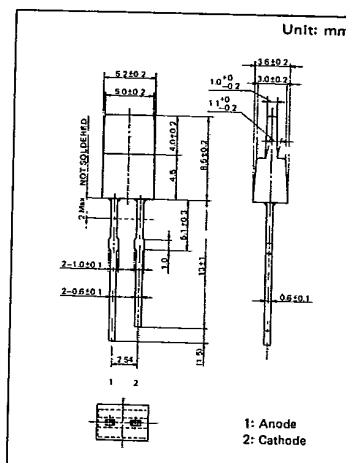
T-41-23

1mm X 5mm Series

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

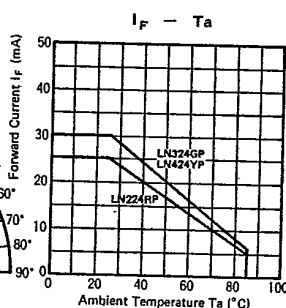
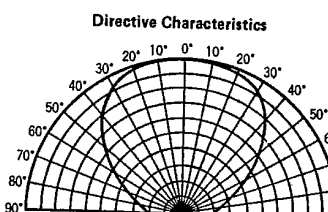
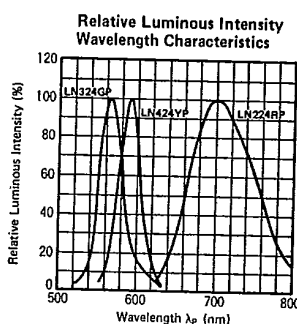
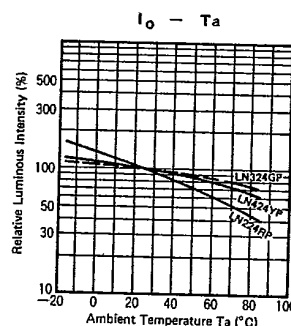
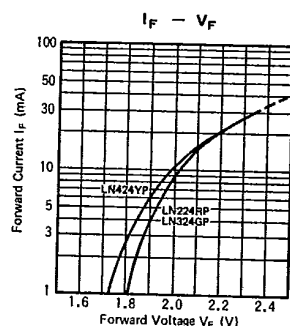
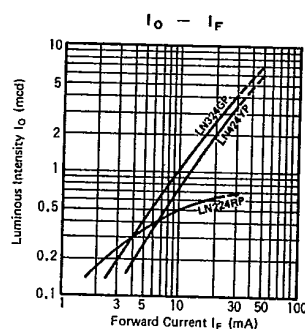
Absolute Maximum Ratings (Ta = 25°C)

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		λp	Δλp	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



Square Type

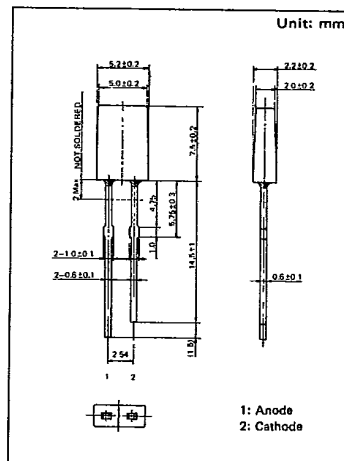
T-41-23

2mm X 5mm Series

- Characteristics: 1. Lighting surface 2mm x 5mm rectangle
2. Shape for small space
3. High reliability, long life

Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FM} (mA)	V _R (V)	T _{opr} (°C)	T _{stg} (°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	I ₀			V _F		λ _p	Δλ _p	I _F	I _R	
		Typ.	Min.	I _F	Typ.	Max.				Max.	V _R
LN242RP	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN242RCP	Red Clear	1.0	0.40	15	2.2	2.8	700	100	20	5	4
LN342GP	Green Diffused	1.5	0.50	20	2.2	2.8	565	30	20	10	4
LN442YP	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
Unit		mod	mod	mA	V	V	nm	nm	mA	μA	V

