



EXCEED PERSEVERANCE ELECTRONIC INDUSTRY CO., LTD.

深圳市超毅光电子有限公司

0.8" Triple Digit Display.

Part Number:

RL-T0810GDBW
RL-T0820SBRW

RL-T0810YCBW
RL-T0820RCBW

RL-T0820OCAW

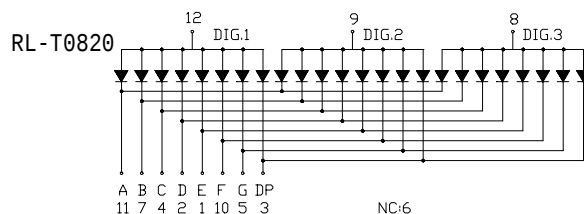
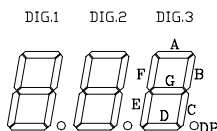
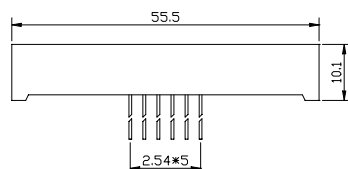
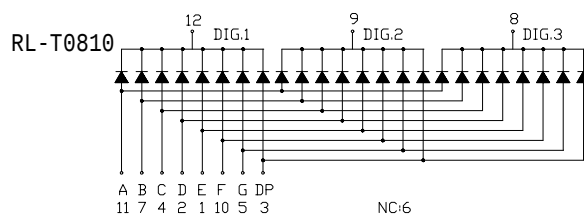
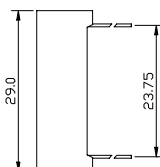
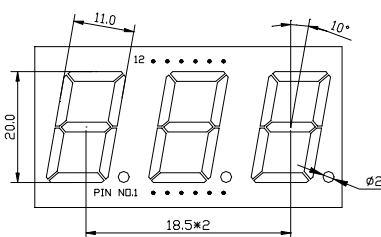
Features

- 1.LOW POWER CONSUMPTION.
- 2.RELIABLE AND RUGGED.
- 3.EXCELLENT UNIFORMITY OF LIGHT OUTPUT.
- 4.SUITABLE FOR LEVEL INDICATOR.
- 5.I.C COMPATIBLE.
- 6.LONG LIFE-SOLIDSTATE RELIABILITY.

Notes:

- 1.All dimensions are in millimeters (inches)
- 2.Tolerance is $\pm 0.25(0.01'')$ unless otherwise niter
- 3.Lead spacing is measured where the lead emerge package
- 4.Speciflcations are subject to change without notice

Package Dimensions & Internal Circuit Diagram.



Selection Guide

Part NO.	Chip			Vf (V)			Face Color	C.C Or CA
	Material	Emitted Color	Δp (nm)	Typ.	Max	At IF=mA		
RL-T0810GDBW	GaP	Yellow Green	570	3000	4500	20	Black	C.C.
RL-T0810YCBW	GaAsP/GaP	Yellow	585	1440	2160	20	Black	C.C
RL-T0821OCAW	GaAsP/GaP	Orange Red	630	1830	2740	20	Gray	C.A.
RL-T0821SBRW	GaAlAs	Super Red	660	4120	6190	20	Red	C.A.
RL-T0820RCBW	GaP/GaP	Bight Red	700	300	450	20	Black	C.A.

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Part Number:

RL-T0812GDBW
RL-T0822SBRW

RL-T0812YCBW
RL-T0822RCBW

RL-T0822OCAW

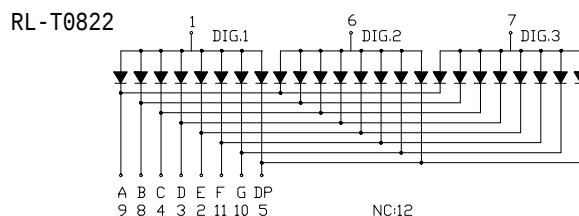
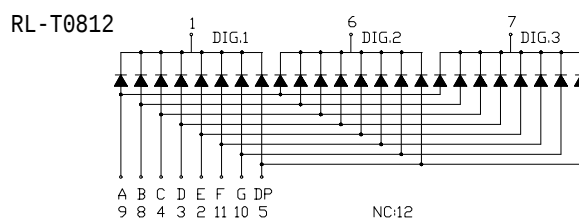
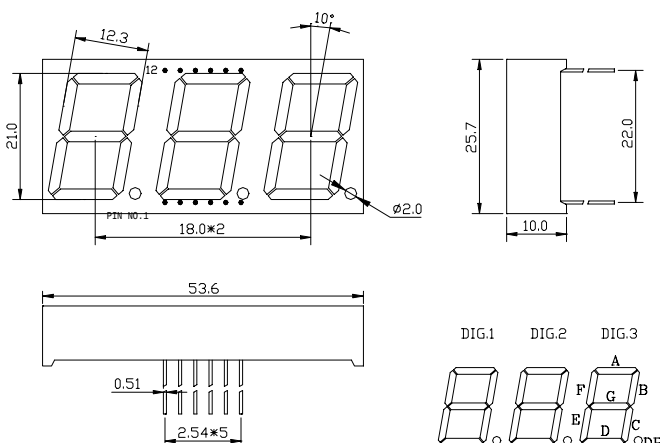
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Electrical/Optical characteristics at T

Symbol	Parameter	Device		Max.	Units	Test Conditions
λ_{peak}	Peak Wavelength	d ed			nm	IF-20mA
λ_D	Dominate Wavelength	d ed			nm	IF-20mA
$\Delta \lambda_{1/2}$	Spectral Line Halfwit	d ed			nm	IF-20mA
C	Capacitance	d er Red Bight Red	40		pF	VF=0V; f=1MHZ
VF	rward Vo	Yellow Green ge R Super Red Bight Red	2.1 2.0 1.7 1	2.8 2.8 2.8		IF
IR	Reverse Current	All		10	uA	VR=5V

A **ings a** .

Parameter	Yellow Green	Yellow	Orange Red	Super Red	Bright Red	Units
Power dissipation	100	85	100	110	45	mW
			25	25	25	mA
Peak Forward Current	160	160	160	200	50	mA
Reverse Voltage	5	5	5	5	5	V

NOTES:

- 1.Operating temperature: 40°C. TO 80°C.
- 2.Lead soldering: 260°C for 5 seconds.