

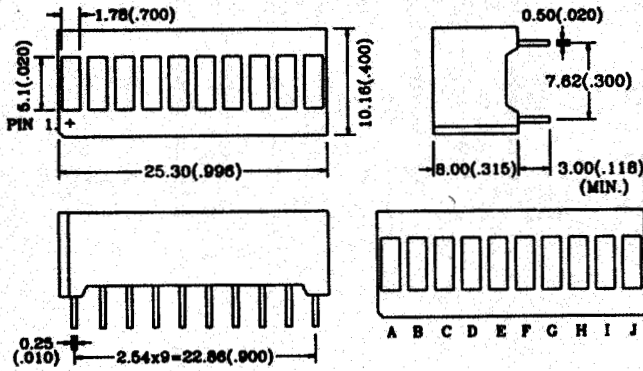
B-1000X series ...

10 BAR GRAPH DISPLAY- MULTI COLOR

MAIN FEATURES :

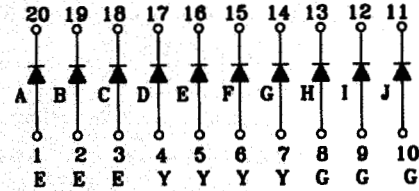
- ⊙ 10 BAR GRAPH DISPLAY
- ⊙ EXCELLENT CHARACTER APPEARANCE
- ⊙ COMMON CATHODE AND COMMON ANODE
- ⊙ I.C. COMPATIBLE
- ⊙ LOW POWER CONSUMPTION

◆ PACKAGE DIMENSIONS

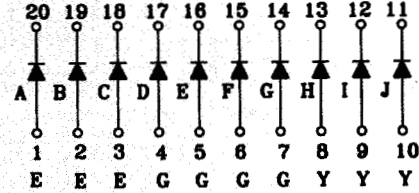


◆ PIN CONNECTION AND INTERNAL CIRCUIT

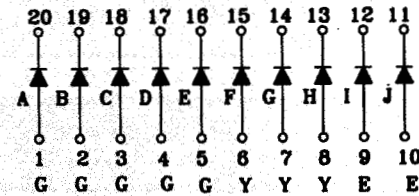
B-10003E4Y3G



B-10003E4G3Y



B-10005G3Y2E



NOTES:

1. All Dimension are in millimeter(inches).
2. Tolerance is $\pm 0.25\text{mm}(0.010")$ unless otherwise specified.

◆ SELECTION GUIDE AND APPLICATION INFORMATION (RATINGS AT 25°C AMBIENT)

Part No.	Remark 1 Selection of Sur / Seg Color	Chip		C.C. or C.A.	Wave Length λ p(nm)	Absolute Maximum Ratings				Electro-Optical Characteristics					
		Raw Material	Emitted Color			$\Delta \lambda$ nm	Pd mW	If mA	If (Peak)	Vf(V) Min. Typ. Max.	If (Rec)	Iv(μ cd) Min. Typ.			
B-10003E4Y3G	GW, BW	GaAsP/GaP	Hi.effi Red		635	45	100	30	160	1.7	2.0	2.8	10-20	750	2000
		GaP	Green		565	30	100	30	160	1.7	2.1	2.8	10-20	750	2000
		GaAsP/GaP	Yellow		585	30	100	30	160	1.7	2.1	2.8	10-20	750	2000
B-10003E4G3Y	GW, BW	GaAsP/GaP	Hi.effi Red		635	45	100	30	160	1.7	2.0	2.8	10-20	750	2000
		GaP	Green		565	30	100	30	160	1.7	2.1	2.8	10-20	750	2000
		GaAsP/GaP	Yellow		585	30	100	30	160	1.7	2.1	2.8	10-20	750	2000
B-10005G3Y2E	GW, BW	GaAsP/GaP	Hi.effi Red		635	45	100	30	160	1.7	2.0	2.8	10-20	750	2000
		GaP	Green		565	30	100	30	160	1.7	2.1	2.8	10-20	750	2000
		GaAsP/GaP	Yellow		585	30	100	30	160	1.7	2.1	2.8	10-20	750	2000

Remark 1 : Selection of Surface color & Segment color

GW : Grey surface & White segment
 BW : Black surface & White segment
 BR : Black surface & Red segment
 RR : Red surface & Red segment

GGn : Grey surface & Green segment
 BGn : Black surface & Green segment
 GY : Grey surface & Yellow segment
 BY : Black surface & Yellow segment

*****Please indicate Surface Color & Segment Color when place order or request samples.*****

For example : B-10003E4Y3G GW is 10 Bar Graph display with Grey Surface & White Segment.

Normally, GW (Grey surface & White segment) is standard product.

◆ ABSOLUTE MAXIMUM RATING: (Ta=25°C)

Reverse Voltage	: 5 Volt
Reverse Current(Vr = 5V)	: 10 μ A
Operating Temperature Range	: -40°C to +85°C
Storage Temperature Range	: -40°C to +100°C
Lead Soldering Temperature	: 260°C for 5 Seconds
(1.6mm(1/16inch) from body)	

◆ ELECTRO-OPTICAL CHARACTERISTICS: (Ta=25°C)

Para meter Description	Symbol	Unit
Spectral Line half-Width	$\Delta \lambda$	nm
Power Dissipation	Pd	mW
Peak Forward Current (Duty 1/10,@KHz)	If(Peak)	mA
Recommended Operation Current	If(Rec)	mA
Average Luminous intensity (If = 10mA)	Iv	μ cd