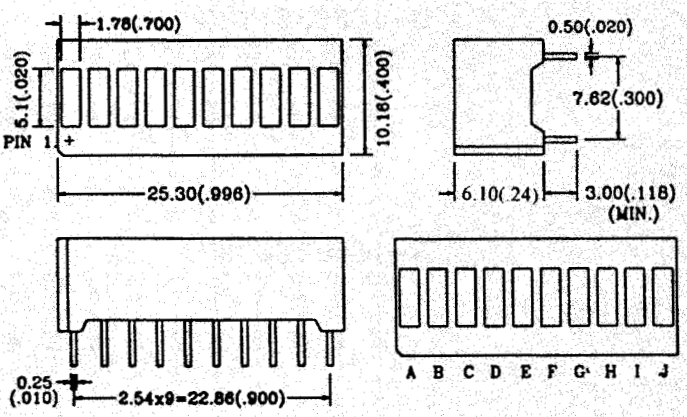
B-1006X series ...

10 BAR GRAPH DISPLAY

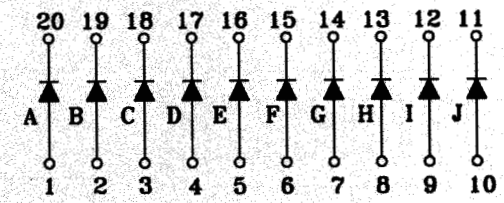
MAIN FEATURES :

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

◆PACKAGE DIMENSIONS



◆PIN CONNECTION AND INTERNAL CIRCUIT



NOTES:
1. All Dimension are in millimeter(inches).
2. Tolerance is ±0.25mm(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 Raw Material	Chip Emitted Color	C.C. or C.A.	Wave Length λ p(nm)	Absolute Maximun Ratings △λ nm	Pd mW	If mA	If (Peak)	Electro-Optical Characteristics Vf(V) Min.	Typ.	Max.	If (Rec)	Iv(μcd) Min.	Typ.	Remark 2
B-1006R	GW,BW,BR,RR	GaAsP	Red		655	40	110	40	200	1.5	1.7	2.0	10~20	200	500	
B-1006H	GW,BW,BR,RR	GaP	Bright Red		700	90	45	15	50	1.7	2.1	2.8	5~10	300	650	
B-1006E	GW,BW,BR,RR	GaAsP/GaP	Hi.effi Red		635	45	100	30	160	1.7	2.0	2.8	10~20	750	2000	
B-1006G	GW,BW,GGn,BGn	GaP	Green		565	30	100	30	160	1.7	2.1	2.8	10~20	750	2000	
B-1006Y	GW,BW,GY,BY	GaAsP/GaP	Yellow		585	30	100	30	160	1.7	2.1	2.8	10~20	750	2000	
B-1006SR	GW,BW,BR,RR	GaAlAs	Super Red		660	20	60	20	160	1.6	1.8	2.1	10~20	2000	10000	

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-1006G BW is 10 Bar Graph display with Black Surface & White Segment.
Normally, GW (Grey surface & White segment) is standard product.

◆ABSOLUTE MAXIMUN RATING: (Ta=25°C)

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

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

Para meter Description	Symbol	Unit
Spectral Line half-Width	△λ	nm
Power Dissipation	Pd	mW
Peak Forward Current (Duty 1/10,@KHz)	If(Peak)	mA
Recommended Operation Current	If(Rec)	mA
Average Luminuous intensity (If = 10mA)	Iv	μcd