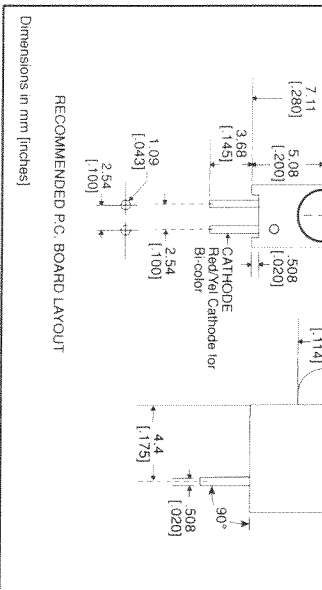




**THE DATASHEET OF
BC816-25HR**





Standard Polarity shown in drawing; Cathode right

Features

- Multiple CBI's form horizontal LED arrays on 4.45mm (0.175") center-lines
- High Contrast, UL 94 V-0 rated, black housing
- Oxygen Index: 31.5%
- Polymer content: PBT, 0.188 g
- Housing stand-offs facilitate PCB cleaning
- Solderability per MIL-STD-202F, method 208F
- LEDs are safe for direct viewing per IEC 825-1, EN-60825-1
- Compatible with: 551-xx07-004 QuadBlack

Tolerance note: As noted, otherwise:

- LED Protusion: ±0.04 mm [±0.016]
- CBI Housing: ±0.02mm[±0.008]

PART NUMBER ORDERING CODE

5	5	1	-	X	X	0	7	-	0	1	0
Series				LED Type					Reverse Polarity Option 1) Cathode Left		

-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

- 551-0307 Red
- 551-0407 Red
- 551-0807 Blue^Δ
- 551-2507 Orange

INTEGRAL RESISTOR, 5 VOLTS

- 551-0507 Red
- 551-0607 Green
- 551-0707 Yellow

LOW CURRENT

- 551-1107 Red
- 551-1207 Yellow
- 551-1307 Green

BI-COLOR

- 551-3007 Red/Green
- 551-3107 Yellow/Green

To order any of the 551-xx07 part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.



551-0407	Red	650	10	2	10	45°	521-9427	4-64
551-0807	Blue	428	12	3.5	10	70°	521-9831	4-57
551-2507	Orange	600	7	2.2	10	60°	521-9498	4-58

INTEGRAL RESISTOR, 5 VOLTS

Part Number	Color	Peak Wavelength nm	Iv mcd	Vf Volts	Forward Current (mA)	Viewing Angle 2θ½	LED Data sheet	Page #
551-0507	Red	635	29	5	10	60°	521-9215	4-59
551-0607	Green	565	19	5	10	60°	521-9323	4-59
551-0707	Yellow	585	12.6	5	10	60°	521-9322	4-59

LOW CURRENT

Part Number	Color	Peak Wavelength nm	Iv mcd	Vf Volts	Test Current (mA)	Viewing Angle 2θ½	LED Data sheet	Page #
551-1107	Red	635	1.6	1.7	2	60°	521-9324	4-60
551-1207	Yellow	585	1.6	1.8	2	60°	521-9325	4-60
551-1307	Green	565	1.6	1.9	2	60°	521-9326	4-60

BI-COLOR

Part Number	Color	Peak Wavelength nm	Iv mcd	Vf Volts	Test Current (mA)	Viewing Angle 2θ½	LED Data sheet	Page #
551-3007	Red/Green	635/565	4.7/10	2/2.1	10	50°	521-9459	4-63
551-3107	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-62

*I_F = 20mA



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