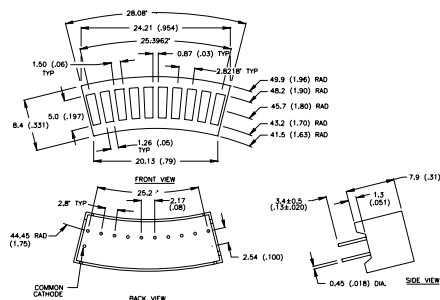


Arrays ~ Chips-On-Board



SSA-LXB10XX-CUR Series

1.78x5mm Rectangular COB Curved Array, 10 Chips



FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Pre-Sorted Chips Prior to Bonding on PCB
- ▶ Easy Installation Over Using Individual LEDs
- ▶ Choice of Colors and Color Combinations
- ▶ White Reflector to Maximize Light Output
- ▶ Custom Arrays, Easily Developed, Low Minimum
- ▶ Black or Gray Face for High Contrast

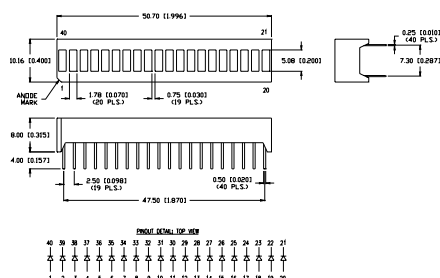
APPLICATIONS / USES

- ▶ Level, VU, Power Indicators
- ▶ Ladder or Range Annunicator
- ▶ Professional Audio Equipment
- ▶ Power Stations, Power Level Indicator
- ▶ Medical Diagnostics, Test Equipment
- ▶ Industrial Control Panels

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ
HIGH BRIGHTNESS									
SSA-LXB10SIW-CUR	AlInGaP	Super High Intensity Red	636	Milky White Diffused	5-25	2	80	20	160
SSA-LXB10SOW-CUR	AlInGaP	Super Orange	610	Milky White Diffused	5-25	2	80	20	160
SSA-LXB10SUGW-CUR	AlInGaP	Super Ultra Green	574	Milky White Diffused	5-25	2.2	40	20	160
SSA-LXB10SYW-CUR	AlInGaP	Super Yellow	590	Milky White Diffused	5-25	2	80	20	160
SSA-LXB10USBW-CUR	InGaN/SiC	Ultra Super Blue	470	Milky White Diffused	5-25	3.5	50	20	160
STANDARD BRIGHTNESS									
SSA-LXB10GW-CUR	GaP	Green	565	Milky White Diffused	5-25	2.2	12	20	160
SSA-LXB10IW-CUR	GaAsP	High Intensity Red	635	Milky White Diffused	5-25	2.0	12	20	160
SSA-LXB10SRW-CUR	GaAlAs	Super Red	660	Milky White Diffused	5-25	1.8	50	20	160
SSA-LXB10YW-CUR	GaAsP	Yellow	585	Milky White Diffused	5-25	2.1	12	20	160

SSA-LXB20 Series

1.78x5mm Rectangular COB Array, 20 Chips



FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Pre-Sorted Chips Prior to Bonding on PCB
- ▶ Easy Installation Over Using Individual LEDs
- ▶ Choice of Colors and Color Combinations
- ▶ White Reflector to Maximize Light Output
- ▶ Custom Arrays, Easily Developed, Low Minimum
- ▶ Black or Gray Face for High Contrast

APPLICATIONS / USES

- ▶ Level, VU, Power Indicators
- ▶ Ladder or Range Annunicator
- ▶ Professional Audio Equipment
- ▶ Power Stations, Power Level Indicator
- ▶ Medical Diagnostics, Test Equipment
- ▶ Industrial Control Panels

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ
HIGH BRIGHTNESS									
SSA-LXB20SIW	AlInGaP	Super High Intensity Red	636	Milky White Diffused	5-25	2	80	20	160
SSA-LXB20SOW	AlInGaP	Super Orange	610	Milky White Diffused	5-25	2	80	20	160
SSA-LXB20SUGW	AlInGaP	Super Ultra Green	574	Milky White Diffused	5-25	2.2	40	20	160
SSA-LXB20SRW	GaAlAs	Super Red	660	Milky White Diffused	5-25	1.8	50	20	160
SSA-LXB20SYW	AlInGaP	Super Yellow	590	Milky White Diffused	5-25	2	80	20	160
SSA-LXB20USBW	InGaN/SiC	Ultra Super Blue	470	Milky White Diffused	5-25	3.5	50	20	160



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