Kingbright **INFRARED EMITTING DIODES** AM4457F3C L34F3C L53F3BT Po (mW/sr) @20mA *50mA Viewing Angle Emitting Color + Material Part No. Lens Type Dimension Min. Тур. 201/2 1.5mm (Side Look) 5.72(.225) 0.7MAX 1.<u>55(</u>.061) <u>ø1.5(</u>.06) ±0.1 AM4457F3C GaAs 940 water clear 1.2 3 150° CATHODE 0.76(.03)±0.1 13.5(.531)MIN 1(.04)MIN. 50° T-1 (3mm) Round 2 10 L34F3C 940 GaAs water clear *5 *20 50° 2 5 50° L34F3BT 940 blue transparent GaAs *8 *20 50° 2 50° 5(.197) 27(1.063)MIN 10 L34SF4C GaAlAs 880 water clear *5 4(.157) *20 50° 1(.04) 1.5(.06)TYP 2 50° CATHODE L34SF4BT GaAlAs 880 blue transparent *8 *20 50° 7 15 50° L34SF6C GaAlAs 860 water clear *10 *40 □0.5(0.02) ±0.05 50° 1.0 MAX 7 15 L34SF6BT GaAlAs 860 blue transparent *10 *40 50° 18 50° L34SF7C GaAlAs 850 water clear *10 *45 50° 7 18 50° GaAlAs L34SF7BT 850 blue transparent *10 *45 50° 8 20 30° T-1 3/4 (5mm) Round L53F3C 940 GaAs water clear *12 30° *30 5 20 30° L53F3BT GaAs 940 blue transparent *8 *30 30° 8 20 30° 8.6(.339) 27(1.063)MIN L53SF4C GaAlAs 880 water clear *12 *30 30° 1(.04) 1.5(.06)TYP 5 20 30° 5.9(.232) L53SF4BT GaAiAs 880 blue transparent *8 *30 30° CATHODE 10 40 309 860 L53SF6C GaAlAs water clear *50 *100 30° 10 40 30° L53SF6BT 860 blue transparent GaAlAs 1.0 MAX. 0.7MAX. □0.5(0.02) *50 *100 30° 10 40 30° L53SF7C GaAlAs 850 water clear *50 *100 30° 10 40 30°

L53SF7BT

GaAlAs

850

blue transparent

*100

30°

*50

^{1.} All dimensions are in millimeters (inches)

^{2.} Tolerance is ±0.25mm(0.01") unless otherwise noted.

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