

F SERIES



6 mm



8, 10, 12, & 16 mm

R SERIES



6 mm



8, 10, 12, & 16 mm

P SERIES



6 mm



8, 10, 12, & 16 mm

Features

- Operating Temperature Range: -25 ~ +60 °C
- Chrome plated brass, Plastic housing
- Dielectric strength: 500 VAC 50/60Hz for 1 minute (DC Type)
- Dielectric strength: 1000 VAC 50/60Hz for 1 minute (AC Type)*
- Insulation resistance: Max. 100MΩ (at 500VDC mega)

* Not applied for Ø6mm series

Accessories



LTC-500 / LTC-1000

Wire length: 500mm

Wire length: 1M

* wire: UL1007, 22AWG

* Terminal: 110 series connector, Brass 0.3t

Ordering Information

M **06** **F** - **03** **R**
 ① ② ③ ④ ⑤

① Type	M	Standard
	H	High Bright (F Series only)

② Diameter	06	6 mm
	08	8 mm
	10	10 mm
	12	12 mm
	16	16 mm

③ Head Shape	F	Flat
	R	Round
	P	Protrude

④ Power	03	3V DC
	12	12V DC
	24	24V DC
	10	110V AC*
	20	220V AC*

⑤ Color	R	Red
	Y	Yellow
	G	Green
	B	Blue**
	W	White**

* Not applied for 6 mm series.

** Blue & White Colors are available only for High Bright F Series.

Specifications

Voltage	Operating Voltage	Operating Current
3V DC	2.7 to 3.3V DC	20 mA
12V DC	10.8 to 13.2V DC	20 mA
24V DC	21.6 to 26.4V DC	20 mA
110V AC*	99 to 121V AC	4 mA
220V AC*	207 to 253V AC	2 mA

* not valid on Ø6 mm

Standard LED Intensity

Type	Standard LED	Lumi. intensity P and R Type (mcd)	Lumi. intensity F Type (mcd)
6 mm	Red	50 to 80	10 to 20
	Yellow	50 to 70	10 to 18
	Green	50 to 80	10 to 23
8 mm	Red	60 to 90	15 to 23
	Yellow	50 to 80	10 to 22
	Green	70 to 100	15 to 25
10 mm	Red	60 to 90	13 to 20
	Yellow	50 to 80	8 to 20
	Green	70 to 100	14 to 23
12 mm	Red	50 to 80	10 to 20
	Yellow	40 to 70	8 to 18
	Green	60 to 80	10 to 22
16 mm	Red	50 to 80	8 to 18
	Yellow	40 to 60	8 to 15
	Green	50 to 70	10 to 20

High Bright LED Intensity (F Series only)

Type	High Bright LED	Lumi. Intensity P and R Type (mcd)	Lumi. Intensity F Type (mcd)
6 mm	Red	500 to 1000	100 to 200
	Yellow	600 to 1200	100 to 200
	Green	700 to 1500	150 to 250
	Blue	500 to 1300	100 to 220
	White	800 to 1300	120 to 200
8 mm	Red	600 to 1100	150 to 250
	Yellow	600 to 1200	130 to 260
	Green	1000 to 1800	200 to 300
	Blue	800 to 1500	140 to 240
	White	900 to 1600	150 to 240
10 mm	Red	600 to 1200	140 to 220
	Yellow	850 to 1200	120 to 240
	Green	1000 to 1800	180 to 270
	Blue	900 to 1500	130 to 230
	White	900 to 1600	140 to 230
12 mm	Red	500 to 1000	110 to 180
	Yellow	500 to 1100	100 to 190
	Green	800 to 1500	130 to 220
	Blue	550 to 1300	100 to 200
	White	600 to 1400	100 to 210
16 mm	Red	550 to 1000	80 to 150
	Yellow	600 to 1100	80 to 160
	Green	700 to 1400	100 to 210
	Blue	500 to 1200	80 to 190
	White	600 to 1200	90 to 180



Dimensions <unit: mm>

