







TL LED Indicator

Free Size LED Indicator

- Arrange 25 mm square size light cartridge as matrix, and make large size Indicator as you like.
- It is also used as LED backlight. (PCB mounting type available)



(Unit)





(Matrix Indicator)

SPECIFICATIONS

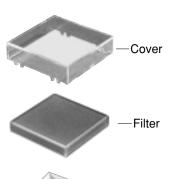
Insulation Resistance	More than 100M Ω at 500V DC
Dielectric Strength	1500V AC RMS between terminals and ground (50/60Hz for 60sec. at normal ambient temperature and humidity)
Reverse Dielectric Strength	150V
Ambient Temperature	-10°C~+40°C
Ambient Humidity	45~80% RH

LED DATA

DC Supply Voltage (V)						Cı	ırrer	nt Ra	ating (n	nA)					
	Mono-Color			3-Color							Mono, Super LED				
	Red Green		Red/Green		Green/Yellow		Yellow/Red		Super	Super	Super				
		Green	Yellow	Red	Green	Red/ Green	Green	Yellow	Green/ Yellow	Yellow	Red	Yellow/ Red		Green	White
DC12V (±5%)	12	21	17	12	21	18	21	17	19	17	12	18	21	14	12
DC24V (±5%)	7	11	10	7	11	11	11	10	11	10	7	11	11	8	8

STRUCTURE

(Unit)



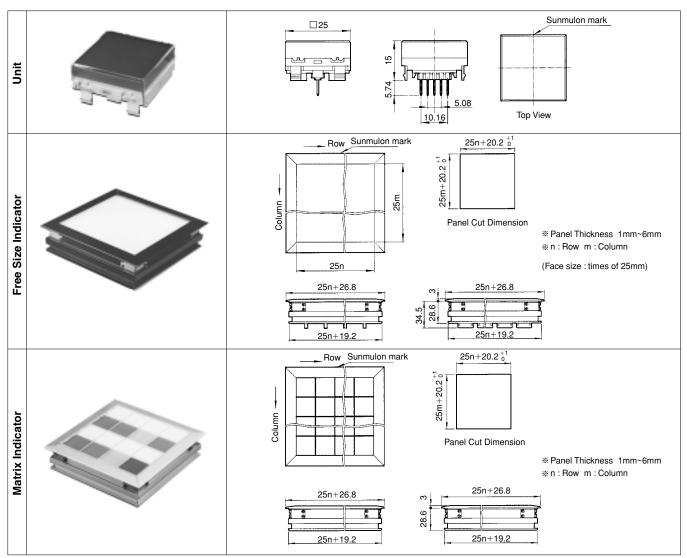






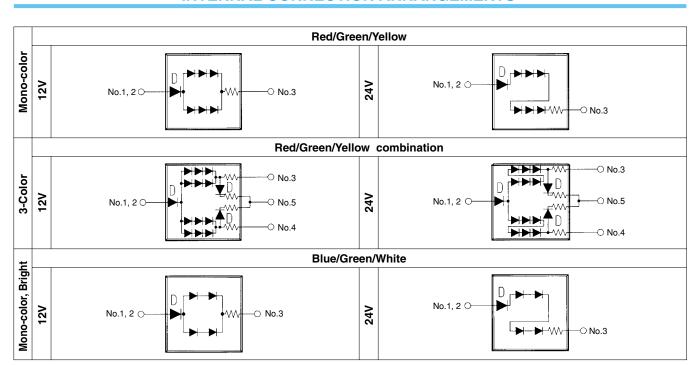


DIMENSIONS



Tolerance: ± 0.4 mm

INTERNAL CONNECTION ARRANGEMENTS







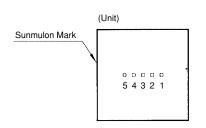


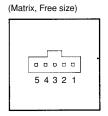


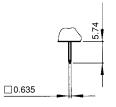
TERMINAL

TERMINAL LAYOUT

● TERMINAL SHAPE ● PCB HOLE DIMENSIONS (UNIT)

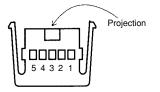






	Min.	25.1	L		
	*****	 ++ -	•••	25.1	
	-++++-	/11	•••	Min.25.1	
5-	ф0.9 hole			5.08± 10.16	_

● CONNECTOR



Suitable wire

Wire size	Diameter
AWG #24-28	φ1.0~1.5mm

Terminal Mono Color Mono Color 3-Color (G/R) 3-Color (Y/R) 3-Color (G/Y) No. Bright Anode (+) Anode (+) Anode (+) Anode (+) Anode (+) 2 Cathode (-) Anode (+) Anode (+) Anode (+) Anode (+) Cathode (-) Cathode (-) Cathode (-) 3 Cathode (-) Cathode (-) Green Yellow Yellow Cathode (-) Cathode (-) Cathode (-) 4 Red Red Green Cathode (-) Cathode (-) Cathode (-) 5 G/R Y/R G/Y

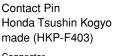
ACCESSORIES

CONNECTOR (to be appended to Free Size/ Matrix Indicator)





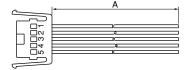
Housing



Connector (1 Housing & 5 Contact Pins) to be appended.

Wire Hearness

Wire: UL1061, AWG26



Pin no.	5	4	3	2	1
Color	Red	Green	Yellow	Blue	Grey

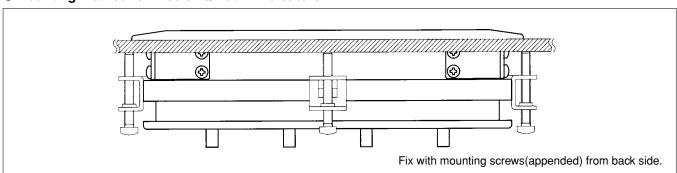
A Length	Part No.
50cm	CL-0230
100cm	CL-0231

Contact Pin press Tool



MOUNTING

Mounting method for Free size/Matrix Indicators.



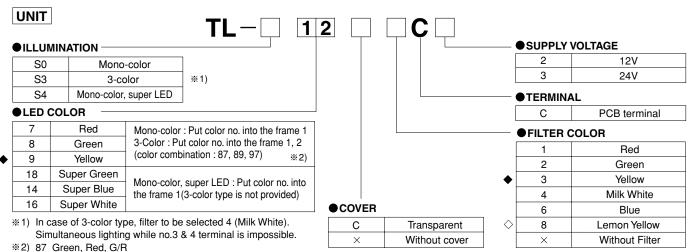






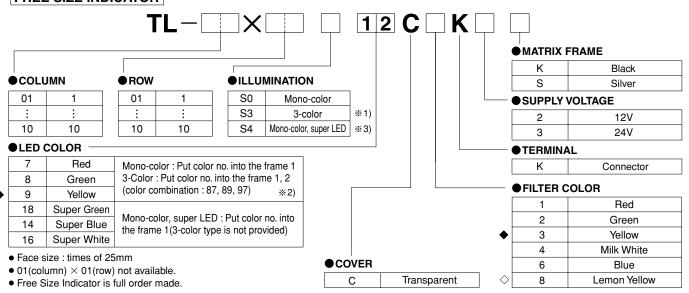






- ★ "Yellow" color for LED/Filter is actually "Orange Yellow".
- FREE SIZE INDICATOR

89 Green, Yellow, G/Y 97 Yellow, Red, Y/R



♦ Lemon Yellow Filter to be used with Green LED(8).

