



## MCDL354-XXD/NE6 ( 3MM DUAL PCB ARRAYABLE HOLDER)

**Lens Color:** Color Diffused

**Dimension:** 3 mm

**Housing:** 94V-0 Black Housing, Polyphthalamide (PPA)

Parts are interlocking, no glue is necessary

### Ordering Instructions:

**Base:** MCDL-354

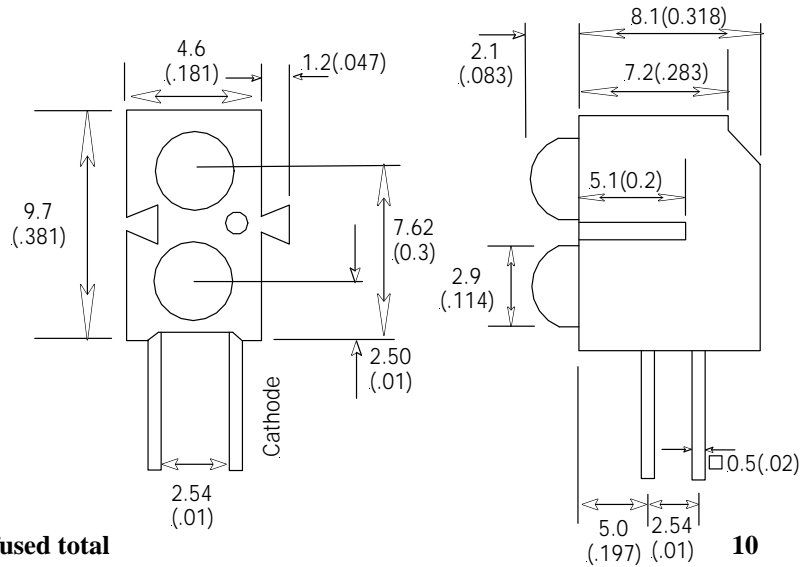
**Color:** First X Bottom color  
Second X Top Color

**Lens:** D (Diffused)

**Holder:** NE6

**Example:** MCDL354-5G5RD/NE6

This part has 5 Red diffused over 5 Green diffused total  
**LEDS**



### Absolute Maximum Rating: (Ta=25°C)

Parameter			Units
DC Forward Current	10		MA
Reverse Voltage	5		V
Power Dissipation	115		MW
Peak Forward Current, tw=1 msec. Duty = 1/20	180		MA
Operating Temperature	-40°	+80°	°C
Storage Temperature	-40°	+100°	°C
Solder DIP (5 seconds, 1.6mm from body) Temperature	260°	±5°	°C

### Electrical Characteristics At Ta= 25°C

Part Number		Emitted Color	Wave length	Viewing Angle 2θ	I <sub>F</sub> Standard		I <sub>F</sub> Integrated Resistor 5V		I <sub>V</sub> (I <sub>F</sub> = 10mA) MCD Standard & 5V	
Color	Symbol	Color	λ PEAK	Degrees	Typ.	Max	Typ	Max	Min	Typ
Red	R	Bright Red	700	60	2.1	3.0	5.0	7.0	1.9	3.2
HER	E	HER	625	60	2.1	3.0	5.0	7.0	10.4	35.0
Green	G	Green	565	60	2.1	3.0	5.0	7.0	15.0	40.0
Yellow	Y	Yellow	590	60	2.1	3.0	5.0	7.0	15.0	40.0
Amber	A	Amber	610	60	2.1	3.0	5.0	7.0	8.0	35.0
Orange	O	Orange	625	60	2.1	3.0	5.0	7.0	10.4	35.0
Super Red	SR	Super Red	660	60	1.8	2.2	5.0	7.0	122	200

### Notes:

- All Dimensions are in millimeters (inches).
- Tolerance is ± 0.25mm (0.010") unless otherwise specified.



3. Specifications are subject to change without notice.