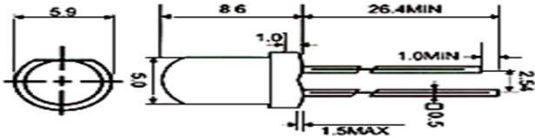


ABSOLUTE MAXIMUM RATINGS

| PARAMETER                   | SYMBOL | RANGE               |
|-----------------------------|--------|---------------------|
| Peak Forward Current        | Ifp    | 100 mA              |
| Reverse Voltage             | Vr     | 5V                  |
| Operating Temperature Range | Top    | -40°C to +80°C      |
| Storage Temperature Range   | Tsg    | -48°C to +80°C      |
| Lead Soldering Temperature  | Tsol   | 268°C for 5 seconds |

| TEST CONDITIONS    |        |      |               |
|--------------------|--------|------|---------------|
| PARAMETER          | SYMBOL | UNIT | TEST CONDITON |
| Reverse Voltage    | Vr     | V    | If=10µA       |
| Reverse Current    | Ir     | µA   | Vr=5V         |
| Forward voltage    | Vf     | mV   | If=20mA       |
| Luminous Intensity | Iv     | mcd  | If=20mA       |



5mm LEDs WITHOUT FLANGE

| SL NO | PART NO      | SIZE | SHAPE | COLOUR | LENS TYPE       | INTENSITY<br>( Iv in mcd ) | WAVE LENGTH<br>( nm / ct ) | FORWARD VOLTAGE<br>( V ) | VIEWING ANGLE IN<br>DEGREES |
|-------|--------------|------|-------|--------|-----------------|----------------------------|----------------------------|--------------------------|-----------------------------|
| 1     | LLR 014UWC   | 5mm  | ROUND | WHITE  | WHITE DIFFUSED  | 400 - 700                  | 2200 - 7500K               | 3.0 - 3.5V               | 75                          |
| 2     | LLR 114UWC   | 5mm  | ROUND | BLUE   | COLOUR DIFFUSED | 300 - 600                  | 450 - 470                  | 3.0 - 3.5V               | 75                          |
| 3     | LLR 214WC    | 5mm  | ROUND | GREEN  | COLOUR DIFFUSED | 45 - 100                   | 565 - 570                  | 1.8 - 2.4V               | 65                          |
| 3     | LLR 214UWC   | 5mm  | ROUND | GREEN  | COLOUR DIFFUSED | 120 - 200                  | 570 - 575                  | 1.8 - 2.4V               | 65                          |
| 4     | LLR 214UPGWC | 5mm  | ROUND | GREEN  | COLOUR DIFFUSED | 400 - 700                  | 525 - 530                  | 3.0 - 3.5V               | 65                          |
| 5     | LLR 314WC    | 5mm  | ROUND | YELLOW | COLOUR DIFFUSED | 200 - 350                  | 585 - 595                  | 1.8 - 2.4V               | 65                          |
| 6     | LLR 314UWC   | 5mm  | ROUND | YELLOW | COLOUR DIFFUSED | 400 - 600                  | 585 - 595                  | 1.8 - 2.4V               | 65                          |
| 7     | LLR 314UHWWC | 5mm  | ROUND | YELLOW | COLOUR DIFFUSED | 1000 - 1500                | 585 - 595                  | 1.8 - 2.4V               | 55                          |
| 7     | LLR 414WC    | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 200 - 350                  | 620 - 630                  | 1.8 - 2.4V               | 65                          |
| 8     | LLR 414UWC   | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 400 - 600                  | 620 - 630                  | 1.8 - 2.4V               | 65                          |
| 9     | LLR 414U-2WC | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 1000 - 1300                | 620 - 630                  | 1.8 - 2.4V               | 50                          |
| 9     | LLR 414UHWWC | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 2000 - 2500                | 620 - 630                  | 1.8 - 2.4V               | 65                          |
| 10    | LLR 714WC    | 5mm  | ROUND | AMBER  | COLOUR DIFFUSED | 150 - 300                  | 605 - 610                  | 1.8 - 2.4V               | 65                          |
| 11    | LLR 714UWC   | 5mm  | ROUND | AMBER  | COLOUR DIFFUSED | 300 - 450                  | 605 - 610                  | 1.8 - 2.4V               | 65                          |

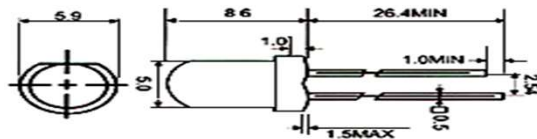
|    |                 |     |       |        |             |               |              |            |    |
|----|-----------------|-----|-------|--------|-------------|---------------|--------------|------------|----|
| 12 | LLR 034UWC      | 5mm | ROUND | WHITE  | WATER CLEAR | 4000 - 5000   | 2200 - 7500K | 3.0 - 3.5V | 35 |
| 13 | LLR 034UH-AWC   | 5mm | ROUND | WHITE  | WATER CLEAR | 7000 - 9000   | 2200 - 7500K | 3.0 - 3.5V | 35 |
| 14 | LLR 034UH-CWC   | 5mm | ROUND | WHITE  | WATER CLEAR | 10000 - 12000 | 2200 - 7500K | 3.0 - 3.5V | 20 |
| 15 | LLR 034UHABWC   | 5mm | ROUND | WHITE  | WATER CLEAR | 18000 - 20000 | 2200 - 7500K | 3.0 - 3.5V | 20 |
| 16 | LLR 134UHWWC    | 5mm | ROUND | BLUE   | WATER CLEAR | 10000 - 11000 | 450 - 470    | 3.0 - 3.5V | 20 |
| 17 | LLR 134UH-AWC   | 5mm | ROUND | BLUE   | WATER CLEAR | 7500 - 9000   | 450 - 470    | 3.0 - 3.5V | 35 |
| 18 | LLR 234WCWC     | 5mm | ROUND | GREEN  | WATER CLEAR | 600 - 800     | 565 - 570    | 1.8 - 2.4V | 20 |
| 19 | LLR 234UWC      | 5mm | ROUND | GREEN  | WATER CLEAR | 1000 - 1500   | 570 - 575    | 1.8 - 2.4V | 20 |
| 20 | LLR 234UHPG-AWC | 5mm | ROUND | GREEN  | WATER CLEAR | 10000 - 12000 | 525 - 530    | 3.0 - 3.5V | 35 |
| 21 | LLR 234UHPG-CWC | 5mm | ROUND | GREEN  | WATER CLEAR | 12000 - 15000 | 525 - 530    | 3.0 - 3.5V | 20 |
| 22 | LLR 234UHBG-AWC | 5mm | ROUND | GREEN  | WATER CLEAR | 10000 - 12000 | 495 - 505    | 3.0 - 3.5V | 35 |
| 23 | LLR 234UHBG-CWC | 5mm | ROUND | GREEN  | WATER CLEAR | 12000 - 15000 | 495 - 505    | 3.0 - 3.5V | 20 |
| 24 | LLR 334WC       | 5mm | ROUND | YELLOW | WATER CLEAR | 600 - 1000    | 585 - 595    | 1.8 - 2.4V | 20 |
| 25 | LLR 334UWC      | 5mm | ROUND | YELLOW | WATER CLEAR | 2000 - 2500   | 585 - 595    | 1.8 - 2.4V | 20 |
| 26 | LLR 334UHWWC    | 5mm | ROUND | YELLOW | WATER CLEAR | 4000 - 6000   | 585 - 595    | 1.8 - 2.4V | 20 |
| 27 | LLR 334UH-AWC   | 5mm | ROUND | YELLOW | WATER CLEAR | 7500 - 9000   | 585 - 595    | 1.8 - 2.4V | 35 |
| 28 | LLR 334UH-CWC   | 5mm | ROUND | YELLOW | WATER CLEAR | 12000 - 16000 | 585 - 595    | 1.8 - 2.4V | 18 |
| 29 | LLR 434WC       | 5mm | ROUND | RED    | WATER CLEAR | 800 - 1200    | 620 - 630    | 1.8 - 2.4V | 20 |
| 30 | LLR 434UWC      | 5mm | ROUND | RED    | WATER CLEAR | 2000 - 2500   | 620 - 630    | 1.8 - 2.4V | 20 |
| 31 | LLR 434UHWWC    | 5mm | ROUND | RED    | WATER CLEAR | 4000 - 6000   | 620 - 630    | 1.8 - 2.4V | 20 |
| 32 | LLR 434UH-AWC   | 5mm | ROUND | RED    | WATER CLEAR | 7500 - 9000   | 620 - 630    | 1.8 - 2.4V | 35 |
| 33 | LLR 434UH-CWC   | 5mm | ROUND | RED    | WATER CLEAR | 12000 - 16000 | 620 - 630    | 1.8 - 2.4V | 18 |
| 34 | LLR 734WC       | 5mm | ROUND | AMBER  | WATER CLEAR | 600 - 1000    | 605 - 610    | 1.8 - 2.4V | 20 |
| 35 | LLR 734UWC      | 5mm | ROUND | AMBER  | WATER CLEAR | 2000 - 2500   | 605 - 610    | 1.8 - 2.4V | 20 |

|    |                 |     |       |        |                   |               |           |            |    |
|----|-----------------|-----|-------|--------|-------------------|---------------|-----------|------------|----|
| 36 | LLR 144UHWWC    | 5mm | ROUND | BLUE   | COLOUR TRANSPEREN | 10000 - 11000 | 450 - 470 | 3.0 - 3.5V | 20 |
| 37 | LLR 144UH-AWC   | 5mm | ROUND | BLUE   | COLOUR TRANSPEREN | 7500 - 9000   | 450 - 470 | 3.0 - 3.5V | 35 |
| 38 | LLR 244WC       | 5mm | ROUND | GREEN  | COLOUR TRANSPEREN | 600 - 800     | 565 - 570 | 1.8 - 2.4V | 20 |
| 39 | LLR 244UWC      | 5mm | ROUND | GREEN  | COLOUR TRANSPEREN | 1000 - 1500   | 570 - 575 | 1.8 - 2.4V | 20 |
| 40 | LLR 244UHPG-AWC | 5mm | ROUND | GREEN  | COLOUR TRANSPEREN | 10000 - 12000 | 525 - 530 | 3.0 - 3.5V | 35 |
| 41 | LLR 244UHPG-CWC | 5mm | ROUND | GREEN  | COLOUR TRANSPEREN | 12000 - 15000 | 525 - 530 | 3.0 - 3.5V | 20 |
| 42 | LLR 244UHBG-AWC | 5mm | ROUND | GREEN  | COLOUR TRANSPEREN | 10000 - 12000 | 495 - 505 | 3.0 - 3.5V | 35 |
| 43 | LLR 244UHBG-CWC | 5mm | ROUND | GREEN  | COLOUR TRANSPEREN | 12000 - 15000 | 495 - 505 | 3.0 - 3.5V | 20 |
| 44 | LLR 344WC       | 5mm | ROUND | YELLOW | COLOUR TRANSPEREN | 600 - 1000    | 585 - 595 | 1.8 - 2.4V | 20 |
| 45 | LLR 344UWC      | 5mm | ROUND | YELLOW | COLOUR TRANSPEREN | 2000 - 2500   | 585 - 595 | 1.8 - 2.4V | 20 |
| 46 | LLR 344UHWWC    | 5mm | ROUND | YELLOW | COLOUR TRANSPEREN | 4000 - 6000   | 585 - 595 | 1.8 - 2.4V | 20 |
| 47 | LLR 344UH-AWC   | 5mm | ROUND | YELLOW | COLOUR TRANSPEREN | 7500 - 9000   | 585 - 595 | 1.8 - 2.4V | 35 |
| 48 | LLR 344UH-CWC   | 5mm | ROUND | YELLOW | COLOUR TRANSPEREN | 12000 - 16000 | 585 - 595 | 1.8 - 2.4V | 18 |
| 49 | LLR 444WC       | 5mm | ROUND | RED    | COLOUR TRANSPEREN | 800 - 1200    | 620 - 630 | 1.8 - 2.4V | 20 |
| 50 | LLR 444UWC      | 5mm | ROUND | RED    | COLOUR TRANSPEREN | 2000 - 2500   | 620 - 630 | 1.8 - 2.4V | 20 |
| 51 | LLR 434UHWWC    | 5mm | ROUND | RED    | COLOUR TRANSPEREN | 4000 - 6000   | 620 - 630 | 1.8 - 2.4V | 20 |
| 52 | LLR 444UH-AWC   | 5mm | ROUND | RED    | COLOUR TRANSPEREN | 7500 - 9000   | 620 - 630 | 1.8 - 2.4V | 35 |
| 53 | LLR 444UH-CWC   | 5mm | ROUND | RED    | COLOUR TRANSPEREN | 12000 - 16000 | 620 - 630 | 1.8 - 2.4V | 18 |
| 54 | LLR 744WC       | 5mm | ROUND | AMBER  | COLOUR TRANSPEREN | 600 - 1000    | 605 - 610 | 1.8 - 2.4V | 20 |
| 55 | LLR 744UWC      | 5mm | ROUND | AMBER  | COLOUR TRANSPEREN | 2000 - 2500   | 605 - 610 | 1.8 - 2.4V | 20 |

ABSOLUTE MAXIMUM RATINGS

| PARAMETER                   | SYMBOL | RANGE               |
|-----------------------------|--------|---------------------|
| Peak Forward Current        | Ifp    | 100 mA              |
| Reverse Voltage             | Vr     | 5V                  |
| Operating Temperature Range | Top    | -40°C to +80°C      |
| Storage Temperature Range   | Tsg    | -48°C to +80°C      |
| Lead Soldering Temperature  | Tsol   | 268°C for 5 seconds |

| TEST CONDITIONS    |        |      |               |
|--------------------|--------|------|---------------|
| PARAMETER          | SYMBOL | UNIT | TEST CONDITON |
| Reverse Voltage    | Vr     | V    | If=10µA       |
| Reverse Current    | Ir     | µA   | Vr=5V         |
| Forward voltage    | Vf     | mV   | If=20mA       |
| Luminous Intensity | Iv     | mcd  | If=20mA       |



| SL NO | PART NO    | SIZE | SHAPE | COLOUR | LENS TYPE       | INTENSITY (Iv in mcd) | WAVE LENGTH (nm / ct) | FORWARD VOLTAGE (V) | VIEWING ANGLE IN DEGREES |
|-------|------------|------|-------|--------|-----------------|-----------------------|-----------------------|---------------------|--------------------------|
| 1     | LLR 014U   | 5mm  | ROUND | WHITE  | WHITE DIFFUSED  | 400 - 700             | 2200 - 750            | 3.0 - 3.5V          | 75                       |
| 2     | LLR 114U   | 5mm  | ROUND | BLUE   | COLOUR DIFFUSED | 300 - 600             | 450 - 470             | 3.0 - 3.5V          | 75                       |
| 3     | LLR 214    | 5mm  | ROUND | GREEN  | COLOUR DIFFUSED | 45 - 100              | 565 - 570             | 1.8 - 2.4V          | 65                       |
| 3     | LLR 214U   | 5mm  | ROUND | GREEN  | COLOUR DIFFUSED | 120 - 200             | 570 - 575             | 1.8 - 2.4V          | 65                       |
| 4     | LLR 214UPG | 5mm  | ROUND | GREEN  | COLOUR DIFFUSED | 400 - 700             | 525 - 530             | 3.0 - 3.5V          | 65                       |
| 5     | LLR 314    | 5mm  | ROUND | YELLOW | COLOUR DIFFUSED | 200 - 350             | 585 - 595             | 1.8 - 2.4V          | 65                       |
| 6     | LLR 314U   | 5mm  | ROUND | YELLOW | COLOUR DIFFUSED | 400 - 600             | 585 - 595             | 1.8 - 2.4V          | 65                       |
| 7     | LLR 314UH  | 5mm  | ROUND | YELLOW | COLOUR DIFFUSED | 1000 - 1500           | 585 - 595             | 1.8 - 2.4V          | 55                       |
| 7     | LLR 414    | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 200 - 350             | 620 - 630             | 1.8 - 2.4V          | 65                       |
| 8     | LLR 414U   | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 400 - 600             | 620 - 630             | 1.8 - 2.4V          | 65                       |
| 9     | LLR 414U-2 | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 1000 - 1300           | 620 - 630             | 1.8 - 2.4V          | 50                       |
| 9     | LLR 414UH  | 5mm  | ROUND | RED    | COLOUR DIFFUSED | 2000 - 2500           | 620 - 630             | 1.8 - 2.4V          | 65                       |
| 10    | LLR 714    | 5mm  | ROUND | AMBER  | COLOUR DIFFUSED | 150 - 300             | 605 - 610             | 1.8 - 2.4V          | 65                       |
| 11    | LLR 714U   | 5mm  | ROUND | AMBER  | COLOUR DIFFUSED | 300 - 450             | 605 - 610             | 1.8 - 2.4V          | 65                       |

|    |               |     |       |        |             |               |            |            |    |
|----|---------------|-----|-------|--------|-------------|---------------|------------|------------|----|
| 12 | LLR 034U      | 5mm | ROUND | WHITE  | WATER CLEAR | 4000 - 5000   | 2200 - 750 | 3.0 - 3.5V | 35 |
| 13 | LLR 034UH-A   | 5mm | ROUND | WHITE  | WATER CLEAR | 7000 - 9000   | 2200 - 750 | 3.0 - 3.5V | 35 |
| 14 | LLR 034UH-C   | 5mm | ROUND | WHITE  | WATER CLEAR | 10000 - 12000 | 2200 - 750 | 3.0 - 3.5V | 20 |
| 15 | LLR 034UHAB   | 5mm | ROUND | WHITE  | WATER CLEAR | 18000 - 20000 | 2200 - 750 | 3.0 - 3.5V | 20 |
| 16 | LLR 134UH     | 5mm | ROUND | BLUE   | WATER CLEAR | 10000 - 11000 | 450 - 470  | 3.0 - 3.5V | 20 |
| 17 | LLR 134UH-A   | 5mm | ROUND | BLUE   | WATER CLEAR | 7500 - 9000   | 450 - 470  | 3.0 - 3.5V | 35 |
| 18 | LLR 234       | 5mm | ROUND | GREEN  | WATER CLEAR | 600 - 800     | 565 - 570  | 1.8 - 2.4V | 20 |
| 19 | LLR 234U      | 5mm | ROUND | GREEN  | WATER CLEAR | 1000 - 1500   | 570 - 575  | 1.8 - 2.4V | 20 |
| 20 | LLR 234UHPG-A | 5mm | ROUND | GREEN  | WATER CLEAR | 10000 - 12000 | 525 - 530  | 3.0 - 3.5V | 35 |
| 21 | LLR 234UHPG-C | 5mm | ROUND | GREEN  | WATER CLEAR | 12000 - 15000 | 525 - 530  | 3.0 - 3.5V | 20 |
| 22 | LLR 234UHBG-A | 5mm | ROUND | GREEN  | WATER CLEAR | 10000 - 12000 | 495 - 505  | 3.0 - 3.5V | 35 |
| 23 | LLR 234UHBG-C | 5mm | ROUND | GREEN  | WATER CLEAR | 12000 - 15000 | 495 - 505  | 3.0 - 3.5V | 20 |
| 24 | LLR 334       | 5mm | ROUND | YELLOW | WATER CLEAR | 600 - 1000    | 585 - 595  | 1.8 - 2.4V | 20 |
| 25 | LLR 334U      | 5mm | ROUND | YELLOW | WATER CLEAR | 2000 - 2500   | 585 - 595  | 1.8 - 2.4V | 20 |
| 26 | LLR 334UH     | 5mm | ROUND | YELLOW | WATER CLEAR | 4000 - 6000   | 585 - 595  | 1.8 - 2.4V | 20 |
| 27 | LLR 334UH-A   | 5mm | ROUND | YELLOW | WATER CLEAR | 7500 - 9000   | 585 - 595  | 1.8 - 2.4V | 35 |
| 28 | LLR 334UH-C   | 5mm | ROUND | YELLOW | WATER CLEAR | 12000 - 16000 | 585 - 595  | 1.8 - 2.4V | 18 |
| 29 | LLR 434       | 5mm | ROUND | RED    | WATER CLEAR | 800 - 1200    | 620 - 630  | 1.8 - 2.4V | 20 |
| 30 | LLR 434U      | 5mm | ROUND | RED    | WATER CLEAR | 2000 - 2500   | 620 - 630  | 1.8 - 2.4V | 20 |
| 31 | LLR 434UH     | 5mm | ROUND | RED    | WATER CLEAR | 4000 - 6000   | 620 - 630  | 1.8 - 2.4V | 20 |
| 32 | LLR 434UH-A   | 5mm | ROUND | RED    | WATER CLEAR | 7500 - 9000   | 620 - 630  | 1.8 - 2.4V | 35 |
| 33 | LLR 434UH-C   | 5mm | ROUND | RED    | WATER CLEAR | 12000 - 16000 | 620 - 630  | 1.8 - 2.4V | 18 |
| 34 | LLR 734       | 5mm | ROUND | AMBER  | WATER CLEAR | 600 - 1000    | 605 - 610  | 1.8 - 2.4V | 20 |
| 35 | LLR 734U      | 5mm | ROUND | AMBER  | WATER CLEAR | 2000 - 2500   | 605 - 610  | 1.8 - 2.4V | 20 |

|    |               |     |       |        |                    |               |           |            |    |
|----|---------------|-----|-------|--------|--------------------|---------------|-----------|------------|----|
| 36 | LLR 144UH     | 5mm | ROUND | BLUE   | COLOUR TRANSPERENT | 10000 - 11000 | 450 - 470 | 3.0 - 3.5V | 20 |
| 37 | LLR 144UH-A   | 5mm | ROUND | BLUE   | COLOUR TRANSPERENT | 7500 - 9000   | 450 - 470 | 3.0 - 3.5V | 35 |
| 38 | LLR 244       | 5mm | ROUND | GREEN  | COLOUR TRANSPERENT | 600 - 800     | 565 - 570 | 1.8 - 2.4V | 20 |
| 39 | LLR 244U      | 5mm | ROUND | GREEN  | COLOUR TRANSPERENT | 1000 - 1500   | 570 - 575 | 1.8 - 2.4V | 20 |
| 40 | LLR 244UHPG-A | 5mm | ROUND | GREEN  | COLOUR TRANSPERENT | 10000 - 12000 | 525 - 530 | 3.0 - 3.5V | 35 |
| 41 | LLR 244UHPG-C | 5mm | ROUND | GREEN  | COLOUR TRANSPERENT | 12000 - 15000 | 525 - 530 | 3.0 - 3.5V | 20 |
| 42 | LLR 244UHBG-A | 5mm | ROUND | GREEN  | COLOUR TRANSPERENT | 10000 - 12000 | 495 - 505 | 3.0 - 3.5V | 35 |
| 43 | LLR 244UHBG-C | 5mm | ROUND | GREEN  | COLOUR TRANSPERENT | 12000 - 15000 | 495 - 505 | 3.0 - 3.5V | 20 |
| 44 | LLR 344       | 5mm | ROUND | YELLOW | COLOUR TRANSPERENT | 600 - 1000    | 585 - 595 | 1.8 - 2.4V | 20 |
| 45 | LLR 344U      | 5mm | ROUND | YELLOW | COLOUR TRANSPERENT | 2000 - 2500   | 585 - 595 | 1.8 - 2.4V | 20 |
| 46 | LLR 344UH     | 5mm | ROUND | YELLOW | COLOUR TRANSPERENT | 4000 - 6000   | 585 - 595 | 1.8 - 2.4V | 20 |
| 47 | LLR 344UH-A   | 5mm | ROUND | YELLOW | COLOUR TRANSPERENT | 7500 - 9000   | 585 - 595 | 1.8 - 2.4V | 35 |
| 48 | LLR 344UH-C   | 5mm | ROUND | YELLOW | COLOUR TRANSPERENT | 12000 - 16000 | 585 - 595 | 1.8 - 2.4V | 18 |
| 49 | LLR 444       | 5mm | ROUND | RED    | COLOUR TRANSPERENT | 800 - 1200    | 620 - 630 | 1.8 - 2.4V | 20 |
| 50 | LLR 444U      | 5mm | ROUND | RED    | COLOUR TRANSPERENT | 2000 - 2500   | 620 - 630 | 1.8 - 2.4V | 20 |
| 51 | LLR 434UH     | 5mm | ROUND | RED    | COLOUR TRANSPERENT | 4000 - 6000   | 620 - 630 | 1.8 - 2.4V | 20 |
| 52 | LLR 444UH-A   | 5mm | ROUND | RED    | COLOUR TRANSPERENT | 7500 - 9000   | 620 - 630 | 1.8 - 2.4V | 35 |
| 53 | LLR 444UH-C   | 5mm | ROUND | RED    | COLOUR TRANSPERENT | 12000 - 16000 | 620 - 630 | 1.8 - 2.4V | 18 |
| 54 | LLR 744       | 5mm | ROUND | AMBER  | COLOUR TRANSPERENT | 600 - 1000    | 605 - 610 | 1.8 - 2.4V | 20 |
| 55 | LLR 744U      | 5mm | ROUND | AMBER  | COLOUR TRANSPERENT | 2000 - 2500   | 605 - 610 | 1.8 - 2.4V | 20 |