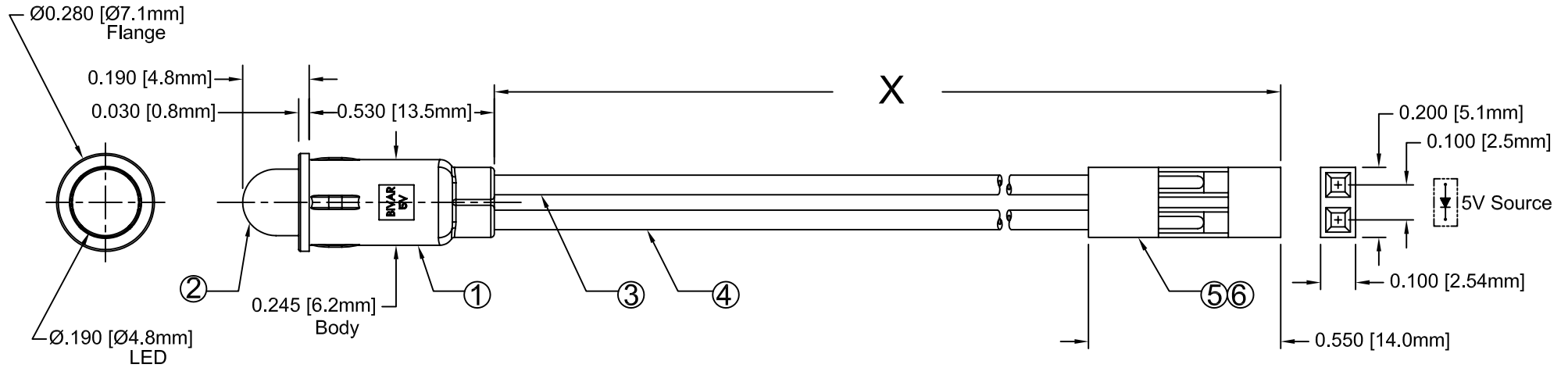


| ITEM | Q'TY | PART NUMBER   | PART DESCRIPTION                                      |
|------|------|---------------|-------------------------------------------------------|
| 1    | 1    | PM5-5V        | LED HOLDER, PANEL MOUNT, PRESS FIT, (5mm)             |
| 2    | 1    | 5XX5V         | T-1¼ (5mm) Non-Flange LED, See Page 2.                |
| 3    | 1    | BWS24-1007-RD | 24AWG Wire Lead U.L. 1007, Red                        |
| 4    | 1    | BWS24-1007-BK | 24AWG Wire Lead U.L. 1007, Black                      |
| 5    | 1    | 2665S020000   | Leoco 2665 Series 2.54mm(.100") Crimp Type Socket, 1X |
| 6    | 2    | 2653TPB0001   | Leoco Terminal# 2653TPB0001(Reel), 2653TPB00A1(Bulk)  |

| REV. | DESCRIPTION                           | DATE     | APPROVED |
|------|---------------------------------------|----------|----------|
| A    | Engineering Release.                  | 02/01/05 | M. C.    |
| B    | Tolerance Adjustment @ Overall Length | 08/17/05 | M. C.    |
| C    | Updated Wire Callout and P/N (P.2)    | 05/29/08 | M. C.    |
|      |                                       |          |          |



EXAMPLE:

PM5XX5VWXCC

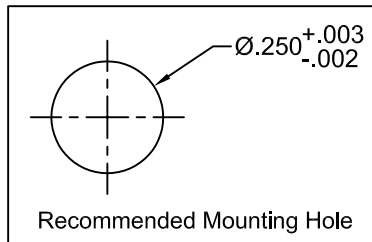
CC Connector

Wire Length

5 Volt Assembly

LED Color & Lens Appearance.

Series



Recommended Mounting Hole

**Length ( X ) Tolerance:**

$X \leq 14" : X + 0.20" / -0.05"$

$X > 14" : X + 2\% / -0.05"$

**\*\*HOUSINGS SHIPPED ASSEMBLED WITH TERMINALS**

## ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE \_\_\_\_\_ 5V

REVERSE CURRENT ( VR=5V) \_\_\_\_\_ 100µA

OPERATING TEMPERATURE RANGE \_\_\_\_\_ -25°C ~ 85°C

STORAGE TEMPERATURE \_\_\_\_\_ -30°C ~ 100°C

LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) \_\_\_\_\_ 260°C for 5 Seconds

|                                                      |                          |                                                                                                                                                                 |                       |
|------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                       |
| DECIMALS                                             | ANGULAR                  |                                                                                                                                                                 |                       |
| .X ± .1                                              | X° ± 1°                  |                                                                                                                                                                 |                       |
| .XX ± .02                                            |                          |                                                                                                                                                                 |                       |
| .XXX ± .010                                          |                          |                                                                                                                                                                 |                       |
| DESIGNED:<br><b>David Green</b>                      | DATE:<br><b>02/01/05</b> | <b>TITLE:</b> T-1¼ (5mm) PANEL MOUNT ASSY,<br>5 Volt, w/ CC Connector                                                                                           |                       |
| CHECKED:<br><b>T. Yin</b>                            | DATE:<br><b>02/01/05</b> |                                                                                                                                                                 |                       |
|                                                      |                          | <b>PART NO:</b><br>PM5XX5VWXCC                                                                                                                                  | <b>REVISION:</b><br>C |
|                                                      |                          | <b>CAGE CODE :</b> 32559                                                                                                                                        | <b>SHEET # 1 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.      |                          |                                                                                                                                                                 |                       |

| REV. | DESCRIPTION  | DATE | APPROVED |
|------|--------------|------|----------|
|      | SEE SHEET#1. |      |          |
|      |              |      |          |

| LED Assy. No. | Peak Wave Length<br>$\lambda_p$ (nm) | Emitted Color | Lens Appearance | Electro-Optical Data @ 5V |           |     |             | Viewing Angle<br>$2\theta \frac{1}{2}$<br>(Deg) | LED P/N |
|---------------|--------------------------------------|---------------|-----------------|---------------------------|-----------|-----|-------------|-------------------------------------------------|---------|
|               |                                      |               |                 | If<br>(mA)                | Vf<br>(V) |     | Iv<br>(mcd) |                                                 |         |
|               |                                      |               |                 | TYP                       | TYP       | MAX | TYP         |                                                 |         |
| PM5HD5VWXCC   | 635                                  | HE RED        | DIFFUSED        | 12                        | -         | 5.0 | 50.0        | 45                                              | 5HD5V   |
| PM5GD5VWXCC   | 565                                  | GREEN         | DIFFUSED        | 12                        | -         | 5.0 | 25.0        | 45                                              | 5GD5V   |
| PM5YD5VWXCC   | 585                                  | YELLOW        | DIFFUSED        | 12                        | -         | 5.0 | 20.0        | 45                                              | 5YD5V   |

|                                                                                                            |                          |                                                                                                                                                                      |                       |
|------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br><u>±10% ALL VALUES</u> <u>ANGULAR</u><br>X°   ± 5° |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808    FAX: (949) 951-3974   |                       |
|                                                                                                            |                          |  <b>TITLE:</b> T-1¼ (5mm) PANEL MOUNT ASSY,<br>5 Volt, External Resistor, w/ CC |                       |
| DESIGNED:<br><b>David Green</b>                                                                            | DATE:<br><b>02/01/05</b> | <b>PART NO:</b><br>PM5XX5VWXCC                                                                                                                                       | REVISION:<br><b>C</b> |
| CHECKED:<br><b>Ty Yin</b>                                                                                  | DATE:<br><b>02/01/05</b> | <b>CAGE CODE :</b> 32559                                                                                                                                             | <b>SHEET # 2 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.                                                            |                          |                                                                                                                                                                      |                       |

# Mouser Electronics

Authorized Distributor

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## BIVAR:

[PM5GD5VW6.0-CC](#) [PM5GD12VW6.0-CC](#) [PM5GD5VW20-CC](#) [PM5GD5VW24-CC](#) [PM5GD5VW25-CC](#)  
[PM5GD12VW8-CC](#) [PM5GD5VW10-CC](#) [PM5GD5VW10-CC2](#) [PM5GD5VW12-CC](#) [PM5GD12VW15-CC](#)  
[PM5GD12VW18-CC](#) [PM5HD5VW12-CC](#) [PM5HD5VW18-CC](#) [PM5HD5VW24-CC](#) [PM5HD5VW25-CC](#)  
[PM5YD12VW15-CC](#) [PM5YD12VW18-CC](#) [PM5YD5VW12-CC](#) [PM5YD5VW24-CC](#) [PM5YD5VW25-CC](#) [PM5YD5VW6-CC](#)