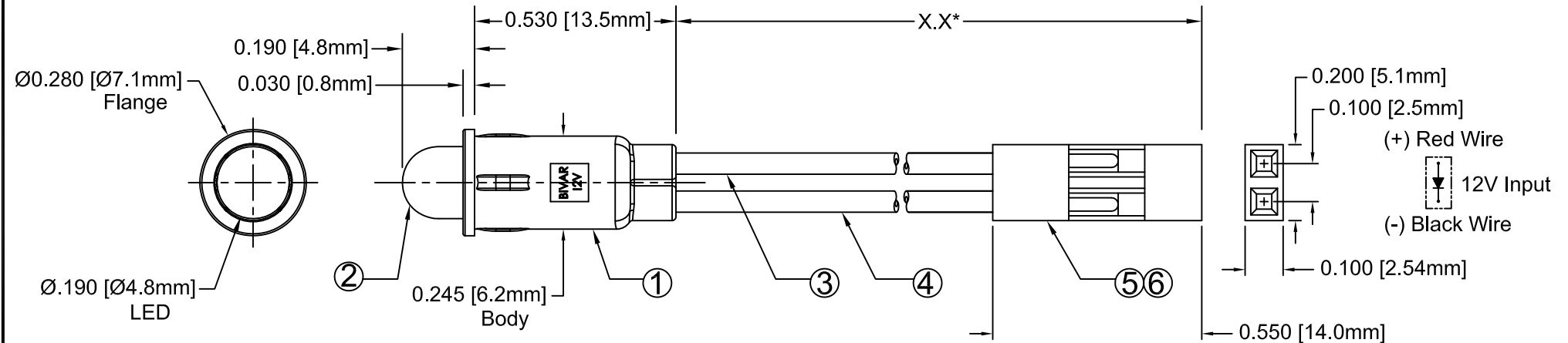


| ITEM | Q'TY | PART NUMBER   | PART DESCRIPTION                                      |
|------|------|---------------|-------------------------------------------------------|
| 1    | 1    | PM5-12V       | LED Holder, Panel Mount, Press Fit, (5mm)             |
| 2    | 1    | 5XX12V        | T1 ¼ (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 | 12/22/10 | T. Y.    |
|      |                     |          |          |
|      |                     |          |          |
|      |                     |          |          |



EXAMPLE:  
**PM5XX12VWX.X-CC**  
 Series | LED Color & Lens Appearance. | 12 Volt Assembly | Wire Length | CC Connector

|                             |
|-----------------------------|
| *Length ( X.X ) Tolerance:  |
| X ≤ 14" : X +0.20" / -0.05" |
| X > 14" : X +2% / -0.05"    |

Note: Housing shipped assembled with terminals.

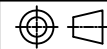
## ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

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 |  |
| <u>DECIMALS</u>                                      | <u>ANGULAR</u>                                                                        |                                                                                                                                                                 |  |
| .X ± .1                                              | X° ± 1°                                                                               |                                                                                                                                                                 |  |
| .XX ± .02                                            |                                                                                       |                                                                                                                                                                 |  |
| .XXX ± .010                                          |  | TITLE: T1¼ (5mm) PANEL MOUNT<br>ASSEMBLY, 12V W/ CC                                                                                                             |  |
| DESIGNED:<br><b>Raffy Paje</b>                       | DATE:<br><b>12/22/10</b>                                                              |                                                                                                                                                                 |  |
| CHECKED:<br><b>T. Yin</b>                            | DATE:<br><b>12/22/10</b>                                                              | PART NO:<br><b>PM5XX12VWX.X-CC</b>                                                                                                                              |  |
|                                                      |                                                                                       | REVISION:<br><b>A</b>                                                                                                                                           |  |
|                                                      |                                                                                       | CAGE CODE : 32559 SHEET # 1 OF 2                                                                                                                                |  |
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| REV. | DESCRIPTION  | DATE | APPROVED |
|------|--------------|------|----------|
|      | SEE SHEET #1 |      |          |
|      |              |      |          |
|      |              |      |          |
|      |              |      |          |
|      |              |      |          |

| Assembly P/N    | Emitted Color | Peak Wave Length<br>$\lambda_p$ (nm) | Lens Appearance | Absolute Max. Ratings |            |                 | Electro-Optical Data @ 12V |     |             | Viewing Angle<br>$2\theta^{1/2}$<br>(Deg) | LED P/N |
|-----------------|---------------|--------------------------------------|-----------------|-----------------------|------------|-----------------|----------------------------|-----|-------------|-------------------------------------------|---------|
|                 |               |                                      |                 | Pd<br>(mW)            | If<br>(mA) | Peak If<br>(mA) | Vf<br>(V)                  |     | Iv<br>(mcd) |                                           |         |
|                 |               |                                      |                 |                       |            |                 | TYP                        | MAX | TYP         |                                           |         |
| PM5GC12VWX.X-CC | GREEN         | 568                                  | WATER CLEAR     | /                     | 10         | 12              | /                          | 12  | 40          | 35                                        | 5GC12V  |
| PM5GD12VWX.X-CC | GREEN         | 568                                  | DIFFUSED        | /                     | 10         | 12              | /                          | 12  | 25          | 45                                        | 5GD12V  |
| PM5HC12VWX.X-CC | HE RED        | 625                                  | WATER CLEAR     | /                     | 10         | 12              | /                          | 12  | 40          | 35                                        | 5HC12V  |
| PM5HD12VWX.X-CC | HE RED        | 625                                  | DIFFUSED        | /                     | 10         | 12              | /                          | 12  | 25          | 45                                        | 5HD12V  |
| PM5RC12VWX.X-CC | RED           | 700                                  | WATER CLEAR     | /                     | 10         | 12              | /                          | 12  | 2           | 35                                        | 5RC12V  |
| PM5RD12VWX.X-CC | RED           | 700                                  | DIFFUSED        | /                     | 10         | 12              | /                          | 12  | 1.5         | 45                                        | 5RD12V  |
| PM5YC12VWX.X-CC | YELLOW        | 590                                  | WATER CLEAR     | /                     | 10         | 12              | /                          | 12  | 25          | 35                                        | 5YC12V  |
| PM5YD12VWX.X-CC | YELLOW        | 590                                  | DIFFUSED        | /                     | 10         | 12              | /                          | 12  | 20          | 45                                        | 5YD12V  |

|                                                                                               |                          |                                                                                                                                                                    |                       |
|-----------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br>DECIMALS                      ANGULAR |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808    FAX: (949) 951-3974 |                       |
|                                                                                               |                          |  <b>TITLE:</b> T1¼ (5mm) PANEL MOUNT ASSEMBLY, 12V W/ CC                      |                       |
| DESIGNED:<br><b>Raffy Paje</b>                                                                | DATE:<br><b>12/22/10</b> | <b>PART NO:</b><br>PM5XX12VWX.X-CC                                                                                                                                 | REVISION:<br><b>A</b> |
| CHECKED:<br><b>T. Yin</b>                                                                     | DATE:<br><b>12/22/10</b> | <b>CAGE CODE :</b> 32559                                                                                                                                           | <b>SHEET # 2 OF 2</b> |
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