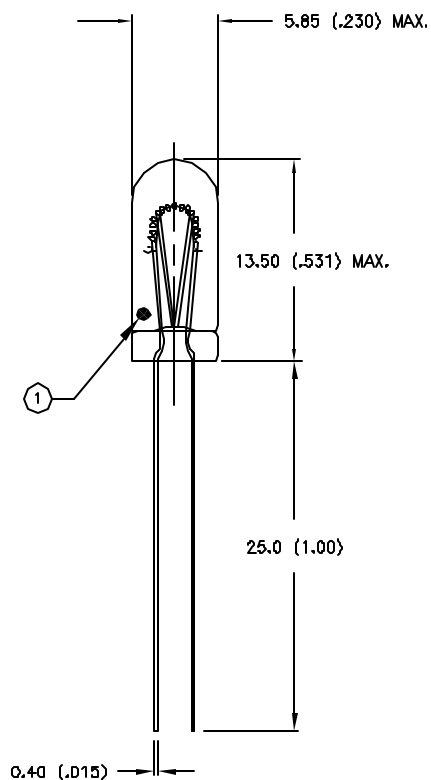


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PART NUMBER  
IFL-LX82102-15REV.  
B

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE    |
|------|-------------------------------------|---------|
| A    | E.C.N. #10323./                     | 3.17.97 |
| B    | E.C.N. #11148.                      | 4.12.07 |



## ELECTRO-OPTICAL SPECIFICATIONS

|                              |             |
|------------------------------|-------------|
| DESIGN VOLTAGE VDC OR VAC:   | 18V         |
| CURRENT DRAW @ DESIGN VOLTS: | 40mA        |
| M.S.C.P. @ DESIGN VOLTS:     | .15 MSCP    |
| AVERAGE LIFE @ DESIGN VOLTS: | 10,000 HRS. |

## MECHANICAL SPECIFICATIONS

|                       |                |
|-----------------------|----------------|
| BULB SIZE AND SHAPE:  | T5.8 TUBULAR   |
| BULB GLASS TYPE:      | KG12 SEMI SOFT |
| BASE OR LEAD FINISH:  | TINNED         |
| FILAMENT SHAPE:       | C-2F           |
| L.C.L. IF APPLICABLE: | N/A            |
| MANUFACTURING PSS:    | IFL/T 5.8 WTWL |

## ENVIRONMENTAL SPECIFICATIONS

|                         |                                    |
|-------------------------|------------------------------------|
| VIBRATION TESTING:      | MIL-E-5400N, GRAPH IV              |
| SHOCK TEST:             | MIL-STD-883 METHOD 2002 TEST CON A |
| OPERATING TEMPERATURE:  | -50 TO +100 °C                     |
| STORAGE TEMPERATURE:    | -50 TO +125 °C                     |
| SOLDERABILITY OF LEADS: | MIL-STD 202F, METHOD 208D          |

## NOTES

1. "RED" COLORED PAINT DOT.



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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX= +0.00 -DECIMAL PRECISION

REV.  
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IFL-LX82102-15

T-1 3/4 WIRE TERMINAL LAMP.

## CONFIDENTIAL INFORMATION

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## RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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|-----------|-------------|--------------|--------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE:        |
| JC        |             |              | 7.19.95      |
|           |             |              | PAGE: 1 OF 1 |
|           |             |              | SCALE: N/A   |