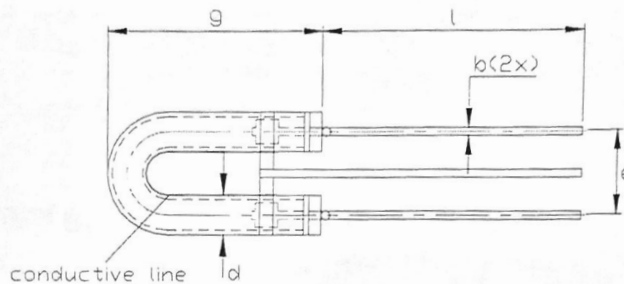


DEVICE NAME : BUB 0641 (G)  
Mechanical Data :

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Date : 13/10/98  
ISSUED BY : Joan Low  
Rev Date : Index #:



**Dimension(mm)**

|   |               |   |        |   |             |
|---|---------------|---|--------|---|-------------|
| e | 10 ± 1        | l | 40 ± 2 | d | 6 ± 0.5 dia |
| r |               | g | 30 ± 2 | x |             |
| b | 0.8 ± 0.1 dia |   |        |   |             |

**Polarity :**

Without Colour Corrective Coating :

**Remarks:**

1. Envelope material : B1
2. Colour coated flashtubes available : Clear, red, blue, green, amber or purple

**Operating Data :**

|                               |     |                                 |          |
|-------------------------------|-----|---------------------------------|----------|
| Max. Power Pmax/W             | 6   | Trigger coil TR                 | ZS 1052  |
| Nom. Power Pnom / W           |     | Trigger capacitor Cz/μF         | 0.22     |
| Max. flashenergy Emax/Ws      | 6   | Min. trigger voltage Uz min/V   | 150      |
| Nom. flashenergy Enom/Ws      |     | Trigger contact S               | Triac    |
| Max. anode voltage Uamax/V    | 550 | Flash frequency/Hz              | 0.4 - 4  |
| Nom. anode voltage Uanom/V    | 500 | Life/Number of flashes/N        | 5 x 10p6 |
| Min. anode voltage Uamin/V    | 200 | Repetition rate trep/ s         |          |
| Nom. flash capacitor CB/ μF   |     | Sec trigger voltage Uz sec / KV | - 5.6    |
| Light reduction after life/ % |     | (Unloaded)                      |          |

**Remarks :**

LIT1041

**WARNING WARNING WARNING!**

The circuits required to operate this tube contain **dangerous levels of high voltage**. Do not buy this product if you are not experienced in dealing with very high voltage levels. These flash tubes produce **very very** bright light (with some UV). Eye protection is required for experimentation.

Care should be taken when handling these tubes. Do not touch the glass with your bare hands. The oil from your skin can weaken the glass.

Use extra caution with any circuits powered from 120Vac line. The AC line can kill!

Check out the Kit#162 from kitsrus.com. They have a nice 6Vdc powered circuit diagram using a similar flash tube.

If you are light sensitive, or subject to light induced seizures, please use extreme caution with this product.

**IF YOU DO NOT FEEL YOU CAN SAFELY USE THIS PRODUCT, PLEASE RETURN IT FOR A FULL REFUND.**

Some links with some good info are <http://www.misty.com/~don/xca.html> and <http://www.perkinelmer.com/>

Thank you