

ABSTRACT

FLASH LAMP WITH ELECTRODE PIN PRE-JOINED TO DISC

- 5 A flash lamp comprises an enclosed glass body filled with noble gas, for example, Xenon; electrodes each comprised of an electrode pin, made of refractory metal, such as tungsten, and a solderable metal disc and soft solder material; the disc further comprises, at least, a first layer of solderable metal at the two ends of lamps and the first layer of solderable metal may be coated with second layer of soft solder material;
- 10 and a gap, at least 0.01mm thick, is introduced between glass body and the disc to reduce thermal stress and, meanwhile, to prevent glass bulging during fusing processes.

[Figure 1]