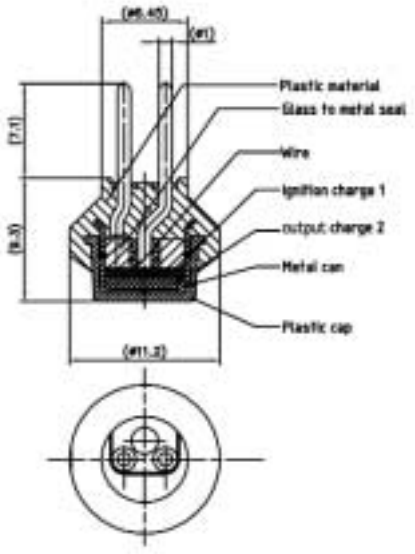
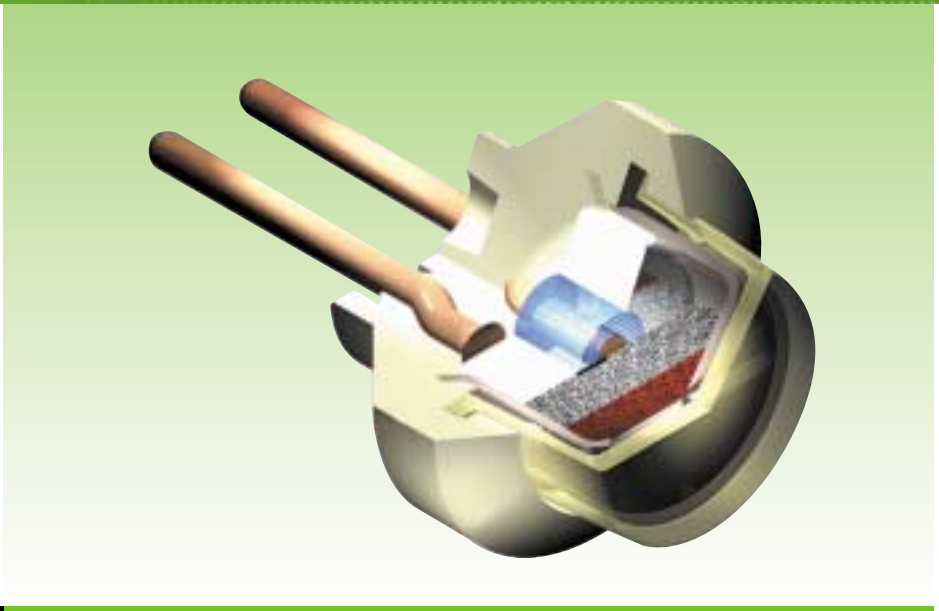
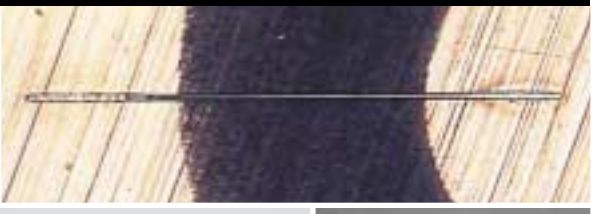
Customer Focused
Highly Accurate
Just in time

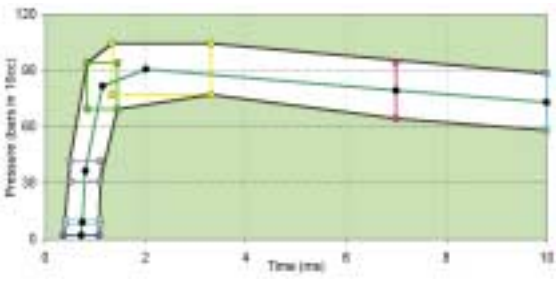
series 3293
GTMS
(Glass To Metal Seal)





Technical Specifications
AKLV / USCAR





Functional & Operational characteristics

Functional characteristics

- Igniters resistance after environment stress in the range of temperature -40°C to +90°C : 2,10 ±0,4 Ω (2,0 ±0,3 Ω optional)
- No fire current : > 0,5A / 10s at +90°C with 99,9999% reliability @ 95% confidence level
- All fire current : < 1,2A / 2ms at -40°C with 99,9999% reliability @ 95% confidence level
  < 1,75A / 0,5ms at -40°C with 99,9999% reliability @ 95% confidence level
- Insulation resistance : > 100M Ω under 500V DC
- Electro Static Discharge : Withstands tests : ±25kV, 500pF, 5k Ω serial
  ±25kV, 150pF, 150 Ω serial
  For other configurations please contact us.
- Maximum time to function under nominal current : 1.2A : time to first pressure < 2ms
  1.75A : time to first pressure < 1ms
- Output pressure measured in closed vessel : typical values in the range 80 to 400 bars*

* values are given for a free volume of 3cc ; in 10cc free volume typical values shall be divided by 3 approximately.

Operational characteristics

- Operating temperature range : -40°C to +105°C
- Life time duration & reliability : meet the requirements of AKLV & USCAR specifications ; for more details please contact us.

Physical characteristics

- Pyrotechnic effect : combination of flame and gases (effects and performances tailorable upon customer request by adjustment of formulations and quantities loaded). Typical loads : 80 to 300mg.
- Friendly environmental pyrotechnic materials (zirconium and titanium hydride potassium perchlorate compositions, ...).
- Detailed lists of materials accessible through the relevant datasystem (IMDS, MCV...).
- Safety data sheet available upon request.

high-tech initiation company

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