Customer Information Sheet

NOTES:
1. TO BE USED WITH SLEEVE S25-XX6.
2. SUITABLE FOR A MINIMUM DISTANCE BETWEEN CENTRES OF 2.54mm.

PROBE HEAD VARIANTS

<table>
<thead>
<tr>
<th>Head</th>
<th>Angle</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spear Head</td>
<td>30°</td>
<td>Ø1.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ø1.50</td>
</tr>
<tr>
<td>Crown Head</td>
<td>35°</td>
<td>Ø1.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ø1.50</td>
</tr>
<tr>
<td>Tulip Head</td>
<td>60°</td>
<td>Ø1.50</td>
</tr>
<tr>
<td>Serrated Head</td>
<td>60°</td>
<td>Ø1.50</td>
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</tbody>
</table>

SPECIFICATIONS:

- **Material:**
  - Plunger: P25-3226, P25-1726, P25-4026 = BERYLLIUM COPPER
  - P25-0126 = HIGH CARBON STEEL
  - Barrel: P25-3226, P25-1726, P25-4026 = BRASS
  - P25-0126 = PHOSPHOR BRONZE
  - SPRING = STAINLESS STEEL
- **Finish:**
  - Plunger, Barrel = GOLD OVER NICKEL
  - SPRING: P25-3226, P25-1726, P25-4026 = UNPLATED
  - P25-0126 = GOLD OVER NICKEL
- **Electrical:**
  - Current Rating: 3A MAX
  - Contact Resistance: 50mΩ MAX
- **Mechanical:**
  - Durability: 100,000 CYCLES MIN
  - Full Travel: 6.30mm
- **Spring Forces:**
  - At Full Travel: 2.45N ±0.50N (250g ±20%)
  - At 2/3 Travel: 1.67N ±0.34N (170g ±20%)
- **Environmental:**
  - Temperature Range: -40°C TO +180°C

HARWIN

www.harwin.com
technical@harwin.com

Title: 2.54mm MIN. CENTRE TWO-PIECE SPRING PROBE

<table>
<thead>
<tr>
<th>SB</th>
<th>6</th>
<th>08.11.17</th>
<th>20842</th>
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<tr>
<td>NAME</td>
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<td>DATE</td>
<td>C/NOTE</td>
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<tr>
<td>APPROVED:</td>
<td>S.BENNETT</td>
<td>CHECKED:</td>
<td>M.PLESTED</td>
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<tr>
<td>DRAWN:</td>
<td>W.J.BOURNE</td>
<td>ASSEMBLY DRG:</td>
<td></td>
</tr>
</tbody>
</table>

TOLERANCES

- X: ±0.1mm
- XX: ±0.50mm
- XXX: ±0.10mm
- ANGLES: ±5°

Material: SEE ABOVE

Finish: SEE ABOVE

Volume: mm²

Drawing Number: P25-XX26

SHI 2 OF 2