NOTES:

UNLESS OTHERWISE STATED THE FOLLOWING APPLIES:

1. ALL MACHINING TOLERANCES TO ±0.2mm EXCEPT WHERE SHOWN OTHERWISE

2. ALL THREADS ARE METRIC COARSE SERIES 6H/6g (RIGHT HAND)

3. ALL CUT OR MACHINED SHARP EDGES TO BE DE-BURRED

VIEW ON ARROW D

FOR MANUFACTURE
### Third Angle Projection - Do Not Scale - If In Doubt Ask

**Isometric View**

<table>
<thead>
<tr>
<th>ITEM No</th>
<th>DRAWING No</th>
<th>DESCRIPTION</th>
<th>No. OFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M11501201</td>
<td>PIN HOUSING</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>M11501202</td>
<td>PIN RETAINER</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>LBCX</td>
<td>CONTACT PIN 1.5-2.5 sq.mm</td>
<td>2</td>
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<tr>
<td></td>
<td>SEE NOTE 1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>DJVX</td>
<td>MALE CONTACT DPIN-MC</td>
<td>30</td>
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<tr>
<td></td>
<td>SEE NOTE 2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>JCHS-2-6</td>
<td>SCREW M2 x 6G CHEESE HD STAIN. S.</td>
<td>2</td>
</tr>
</tbody>
</table>

**Notes:**

1. **Items 4 Available From:**
   - RS Components LTD
   - Walsingham Drive
   - Nuneaton
   - CV10 7RS
   - TEL.: 02476 3377700
   - FAX.: 0845 850 9911
   - uk.rs-online.com

2. **Items 5 Available From:**
   - Caburn-MOC LTD
   - Menzies Road
   - Ponswood Industrial Estate
   - St. Leonards-On-Sea
   - East Sussex TN38 9BB
   - TEL.: 0870 428 7646
   - FAX.: 0870 428 7647
   - www.sales@caburn.co.uk

---

**CAD Drawn Not To Be Modified by Hand**

**Material and Specification**

**Dimensions in Millimeters**

**Technical Classifications**

**Configuration/ID Code**

**Drawn By:** P.R. Jones

**Checked By:** S.D. Bailey

**Printed by:** W. Allan

**Title:** Male Connector Assy

**Drg No:** M11501205

**Original Scale:** 1:1

**First Issue Date:** 01/03/10

**Sheet No:** 1 of 5 sheets

**Code/Ref Drawing:** SMARTAEM
1. ALL CUT OR MACHINED SHARP EDGES TO BE DE-BURRED.
2. DIMENSIONS IN BRACKETS ARE FOR REFERENCE ONLY.
NOTES:
1. ALL CUTS OR MACHINED SHARP EDGES TO BE DE-BURRED.
2. DIMENSIONS IN BRACKETS ARE FOR REFERENCE ONLY.

5 EQUAL PITCHES OF .157 = .785 (TOLS. NON-ACCUMULATIVE)

4 EQUAL PITCHES OF .157 = .628 (TOLS. NON-ACCUMULATIVE)

4 - DRILL Ø .118 THRO'
2 - HOLES AS SHOWN SEE SECT. A-A

CONVERSION OF UNITS FOR MAST MACHINE DRAWING M11501201:

DRAWN BY: OMAR LEON
CHECKED BY: PIERRE AVILA
THIRD ANGLE PROJECTION - DO NOT SCALE - IF IN DOUBT ASK

ISOMETRIC VIEW

SECTION A - A
NOTES:
1. ALL CUT OR MACHINED SHARP EDGES TO BE DE-BURRED.
2. ALL THREADS ARE METRIC COARSE SERIES 6H/6g (RIGHT HAND)

SECTION B - B

MATERIAL AND SPECIFICATION
PEEK 1000

DIMENSIONS IN MILLIMETERS UNLESS STATED

SURFACE TEXTURE UNLESS STATED
N7/
SURFACE TREATMENT CLEAN

USED ON REF DRAWING 1206

JOB REF DATE NAME SHEET NO
0.020" 2/1 010310 01
SMARTAM

PIN RETAINER

DRAWN BY: S. JONES

APPROVED BY:
S. BAILEY
S. ALLAN

SUBJECT TO WORK PROCEDURE

CCFE

TITLE

PIN RETAINER

DRAWN NO: M11501202

QUALITY CLASS

1000
30 - DRILL Ø .071 THRO’

5 EQUAL PITCHES OF .157 = .785 (TOLS. NON-ACCUMULATIVE)

4 EQUAL PITCHES OF .157 = .628 (TOLS. NON-ACCUMULATIVE)

NOTES:
1. ALL CUTS OR MACHINED SHARP EDGES TO BE DE-BURRED.
2. ALL THREADS ARE METRIC COARSE SERIES 6H/6g (RIGHT HAND)