



Component Specification

C00416

Round Pin I.C. Sockets
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A range of round pin and wire-wrap I.C. sockets intended to accommodate integrated circuits and other components having connection pins. Machined female contacts with gold-plated contact finish are housed in glass-filled thermoplastic housings. Termination surfaces are tin-plated throughboard solder and wire-wrap terminations. Single row modular and double row styles are available.

2.1. Electrical Characteristics

2.2. Environmental Characteristics

Bump Severity 40G (390m/s²), 4,000 ±10 bumps

2.3. Mechanical Characteristics

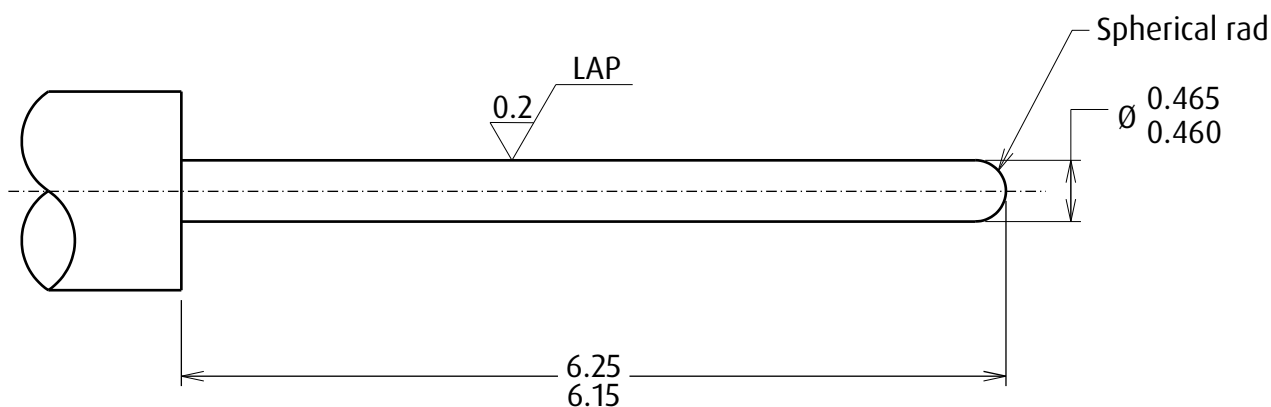
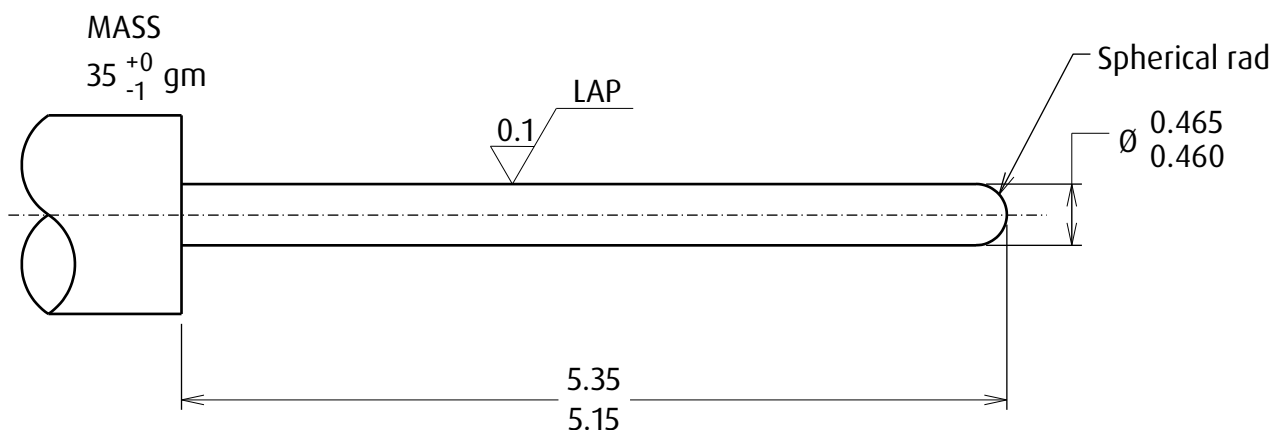
Withdrawal force, after 3 insertions (using pin shown in Appendix A1.1)..... 0.5N minimum

APPENDICES NOTES:

1. Third angle projection is used where projected views are shown.
2. All dimensions are in millimetres.
3. For explanation of dimensions, etc. see BS308.
4. Unless otherwise stated, all dimensions are maxima.

APPENDIX 1 – GAUGES**NOTES:**

1. Material = Steel to BS1407 or equivalent.
2. Gauging surfaces to be hardened/ground, 650 HV5 min.
3. These gauges to be used for testing fully assembled components only.
4. Ultimate wear limit 0.005mm is allowable on gauging dimensions.

A1.1. Sizing Gauge**A1.2. Holding Gauge (After conditioning)**

APPENDIX 2 – CONTACT INSERTION DEPTH

Positive contact made at 2.5 to 3.0mm depth.

