Insertion-Extraction Hold-Down

CONSTRUCTION

Materials
- Composite knob
- Aluminum cup, hinge, and extractor with anodize finish
- Aluminum shaft with anodize finish and dry film lubrication
- RoHS compliant

Fasteners
- Installation via #6-32 (.138-32) UNC screws using standard tooling

FUNCTION & BENEFITS

Function
- Force limiting clutch
- Jammed mechanism release per ARINC 600
- ¼” socket drive body
- Minimum ½” extraction of LRU

SPECIFICATIONS

Performance Standards
- BPS-C-157
- RTCA/DO-160G

Designed for use with Equipment
- ARINC 404A
- ARINC 600
- ARINC 628
- ARINC 704A
- ARINC 738A-1

Weight
- 41g
Insertion-Extraction Hold-Down

Note: Dimensions are in inches, bracketed [numbers] represent millimeters.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Insertion Force Limit</th>
<th>Knob Color</th>
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<tbody>
<tr>
<td>200-33899-101</td>
<td>140±40 lbs</td>
<td>Black</td>
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TESTED TO MEET THE FOLLOWING REQUIREMENTS

Operational Shock
» RTCA/DO-160G section 7.2.1, 6 g 11 ms terminal sawtooth (3 shocks in all 6 directions)

Crash Safety Impulse
» RTCA/DO-160G section 7.3.1, 20 g (1 shock in all 6 directions)

Crash Safety Sustained
» RTCA/DO-160G section 7.3.3, 20 g (3 seconds minimum in all 6 directions)

Robust Vibration
» RTCA/DO-160G section 8.7.2, Random Category R, Curve B3 & B4

High Power Short Duration Engine Imbalance
» RTCA/DO-160G section 8.6, Sinusoidal Category H, Curve R

Mechanical Endurance
» 250 Cycles Minimum

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