FEATURES

- Designed for heavy shock and vibration.
- Uniform clamping force and high thermal transfer.
- Narrow width for maximum PCB component area.
- Low profile design allows for decreased slot pitch.
- Captivated rear wedge.
- Light weight = assembly length x .085 oz [2.4 g] or [.95 g/cm].
- Special lengths, finish, and other design options available upon request.

MATERIAL

All other hardware: 18-8 stainless steel, passivated.

Parts are shipped as complete assembly in relaxed state except for rivet mount option.

Recommended drive screw torque is 6 in-lbs [68 N-cm].

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:

MACHINED SURFACES

1. TWO PLACE DECIMAL

0.02

1/2

3. THREE PLACE DECIMAL

0.005

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF WAKEFIELD-VETTE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF WAKEFIELD-VETTE IS PROHIBITED.
**Part Number Definition**

Part number example:

422C7-480UMG

4.80" length, M2 mount holes, metric M2.5 socket head, gold chem film

Part number example:

422C7-480UMG-CP

Same as above plus center mounting hole and lock patch options

**Part Number Code**

- **422C7**
  - **LL** = length
  - **H** = mounting holes
  - **D** = finish
  - **C** = captive screw feature
  - **K** = center mounting hole
  - **P** = lock patch
  - **V** = visual indicator

**Part Number Options**

- **C** for optional center mounting hole
- **K** for captive screw feature
- **P** for optional lock patch
- **V** for optional visual indicator

**Length Table**

<table>
<thead>
<tr>
<th>Length (Ex. 480 = 4.80&quot;)</th>
<th>480</th>
<th>530</th>
<th>580</th>
<th>630</th>
<th>680</th>
<th>730</th>
<th>780</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSY LENGTH [LLL]</td>
<td>2.900</td>
<td>3.400</td>
<td>3.900</td>
<td>4.400</td>
<td>4.900</td>
<td>5.400</td>
<td>5.900</td>
</tr>
<tr>
<td>H MOUNTING X</td>
<td>1.450</td>
<td>1.700</td>
<td>1.950</td>
<td>2.200</td>
<td>2.450</td>
<td>2.700</td>
<td>2.950</td>
</tr>
</tbody>
</table>

**Other Lengths Available Upon Request**

- .225
- 5.72
- 2.25

**Finish Table**

- **A** = none
- **C** = chem film per MIL-DTL-5541, CLASS 1A, TYPE 1 (clear)
- **G** = chem film per MIL-DTL-5541, CLASS 1A, TYPE 1 (gold)
- **B** = black anodize per MIL-A-8625, TYPE II, CLASS 2
- **H** = hard black anodize per MIL-A-8625, TYPE II, CLASS 2
- **N** = nickel plate per QQ-N-290, CLASS 1, grade G, bright
- **E** = electroless nickel per MIL-C-26074, CLASS 4, grade B, bright
- **T** = trivalent chem film per MIL-DTL-5541, CLASS 1A, TYPE II (clear), RoHS compliant

All threads are gauged prior to plating.

**Visual Indicators**

- **V** option: Visually confirms locked in place when red screw head is concealed.

**Center Mounting Holes**

- **K** option: Captivates screw by free-spinning when wedge lock is in relaxed position.

**Lock Patch**

- **P** option: Nylon patch per MIL-F-18240, provides additional resistance to shock and vibration.

**Bottom View**

Bottom view of the part with dimensions and tolerances indicated.