Product Change Notice

Summary
WinSystems is changing the standoffs included with each PC/104 and PC/104-Plus stack through module. The current standoffs are round nylon 0.1875” diameter by 0.60” height with male/female 4/40 threads. The new standoffs are hexagonal nylon 0.25” wide by 0.60” height with male/female 4/40 threads. (See attachment for specifications.)

The new standoff kit part number is KIT-PCM-STANDOFF-4, which includes (4) nylon hex nylon standoffs, (4) 4/40 x 1/4” screws, and (4) hex nylon 4/40 nuts.

Impact
The hex standoffs provide additional thread length required for 0.078” PCB’s and the shoulders ease installation in tight areas. WinSystems does not foresee any negative effects of the change.

WinSystems Products Affected
The affected products are summarized in the table below where “xx” is the variant number:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCM-xxx</td>
<td>All PC/104 stack through modules</td>
</tr>
<tr>
<td>PPM-xxx</td>
<td>All PC/104-Plus stack through modules</td>
</tr>
</tbody>
</table>

Effective Date
The new standoffs will begin to ship in March 2011 and will be implemented as a running change. Depending on the product you purchase, it may be a few months before you begin to receive the new standoffs.

Recommended Action
Alert receiving and assembly personnel.

Last Time Buy Schedule
N/A

Last Time Ship Schedule
N/A

Special Considerations
Contact your WinSystems’ Applications Engineer with any questions concerning this change.
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Kerry West  kerry@winsystems.com
## Male/Female Threaded Standoffs

![Image of male/female threaded standoffs]

### Choice of:
- **Stainless:** ASTM A581/A582
- **Brass:** ASTM B111
- **Aluminum:** ASTM B211

**Plating:**
- Nickel (QQ-N-290)
- Clear Iridite (Mil-C-5541)
- RoHS Compliant
- *PC/104 Standard Length*
- **Internal Thread .130 (3.3)/.150 (3.8) Deep**
- ***Internal Thread .250 (6.4) Deep***
- *TL A Internal*

### Threaded Nylon Standoffs

**Material:** Nylon 6/6

### Thread Size

**Thread Size TL A**
- 4-40 .187 (4.7)
- 6-32 .250 (6.4)
- 8-32 .375 (9.5)

**Application Note:**
- For PC/104 applications use length .600 (15.3) 4-40 Thread

### Hex Male/Female Standoffs

![Image of hex male/female standoffs]

**Thread Size**
- 4-40 CAT. NO. 4800 4814 4828
- 6-32 CAT. NO. 4802 4816 4830
- 8-32 CAT. NO. 4806 4820 4834

**Application Note:**
- For PC/104 applications use CAT. NO. 4799

### Thread Size CAT. NO.
- 4-40 .187 (4.7)
- 6-32 .250 (6.4)
- 8-32 .375 (9.5)