STANDARD PLCC SOCKETS
For Through Board Mount

Series 940

Ordering Information

<table>
<thead>
<tr>
<th>No. of Contacts</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Quantity per Tube</th>
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<tr>
<td>20</td>
<td>0.613</td>
<td>0.200</td>
<td>0.400</td>
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<tr>
<td>28</td>
<td>0.713</td>
<td>0.300</td>
<td>0.500</td>
<td>33</td>
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<td>32* .813/.713</td>
<td>.400/.300</td>
<td>.600/.500</td>
<td>29</td>
<td></td>
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<td>44</td>
<td>0.913</td>
<td>0.500</td>
<td>0.700</td>
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<td>0.600</td>
<td>0.800</td>
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<td>1.000</td>
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<td>100</td>
<td>1.603</td>
<td>1.200</td>
<td>1.400</td>
<td>25</td>
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</table>

- Note: Not end stackable.
- Accepts JEDEC PLCCs MS-016 & MS-018 leaded plastic substrates.
- Insulator material is glass reinforced PPS.
- Standoffs provide clearance for heat dissipation and cleaning.
- Internal standoffs insure proper positioning of chip carrier in socket.
- Contacts are plated with 150µ" tin/lead.
- Pre-lubricated available.

Application of Pre-Lubricated Sockets:
Intended as a general-pupose lubricant for tin/lead connectors, Nyetact 502M-20-UV is a solvent dispersion of a water-resistant, non-melting grease based on a plastic-compatible, synthetic hydrocarbon oil. Useful temperature range: -40°C to 120°C. The active lubricant is present at 20% (by weight) in mineral spirits.

The pre-lubrication increases the reliability of standard sockets by preventing fretting corrosion.

Pre-lubricated sockets can be used for any long life applications having a tin-tin interface.

There is no degradation of lubrication during soldering or final wash. Contact the factory for other pre-lubricated products.

See page 96 for lubrication specifications.

www.mill-max.com 92 516-922-6000
PIN TOLERANCES
BEFORE PLATING
LENGTHS: ±0.005
DIAMETERS: ±0.002
ANGLES: ±2°

INSULATOR TOLERANCES
LENGTHS: ±0.005
THICKNESS: ±0.003
HOLE TO HOLE: ±0.001
NON-ACCUMULATIVE

ORDER AS:
940-99-XXX-24-00X

• NOTES: Not End Stackable.
• Accepts JEDEC type MS-018 & MS-016 devices.
• Contact Material: Phosphor Bronze.
• Contact Finish: Tin/Lead over Nickel.
• Insulator Material: Glass Reinforced PPS Rated
  UL 94 V-0, Dark Brown Color.

PRINTED CIRCUIT DRILLING PATTERNS
(TOP VIEW)

.035” dia. min. mounting holes

<table>
<thead>
<tr>
<th>Pins</th>
<th>ORDERING INFORMATION</th>
<th>A</th>
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<th>C</th>
<th>D</th>
<th>Qty. per Tube</th>
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<td>.200</td>
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<td>.716</td>
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</tbody>
</table>

MILL-MAX® MFG. CORP.
P.O. BOX 300, 190 PINE HOLLOW ROAD, OYSTER BAY, NY 11771-0300
TEL: (516) 922-6000 FAX: (516) 922-9253 WEB: WWW.MILL-MAX.COM
PIN TOLERANCES
BEFORE PLATING
LENGTHS: ±0.005
DIA METERS: ±0.002
ANGLES: ±2°
INSULATOR TOLERANCES
LENGTHS: ±0.005
THICKNESS: ±0.003
HOLE TO HOLE: ±0.001
NON ACCUMULATIVE

ORDER AS:
940-99-XXX-24-00X

X = 0 NOT LUBRICATED
X = 1 PRE-LUBRICATED

NOTES:

- Not End Stackable.
- Accepts JEDEC type MS-018 & MS-016 devices.
- Contact Material: Phosphor Bronze.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: Glass Reinforced PPS Rated UL 94 V-0, Dark Brown Color.

PRINTED CIRCUIT DRILLING PATTERNS
(TOP VIEW)
.035” dia. min. mounting holes

28 PIN PLCC PIN-OUT

<table>
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<th>PINS</th>
<th>ORDERING INFORMATION</th>
<th>- A -</th>
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<th>- D -</th>
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<td>.300</td>
<td>.500</td>
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</table>

P.O. BOX 300, 190 PINE HOLLOW ROAD, OYSTER BAY, NY 11771-0300
TEL: (516) 922-6000  FAX: (516) 922-9253  WEB: WWW.MILL-MAX.COM
**PRINTED CIRCUIT DRILLING PATTERNS**

(TOP VIEW)

.035" dia. min. mounting holes

---

**NOTES:**

- Not End Stackable.
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---

**ORDER AS:**

940-99-XXX-24-00X

- X = 0 NOT LUBRICATED
- X = 1 PRE-LUBRICATED

---

**MILL-MAX® MFG. CORP.**

P.O. BOX 300, 190 PINE HOLLOW ROAD, OYSTER BAY, NY 11771-0300

TEL: (516) 922-6000  FAX: (516) 922-9253  WEB: WWW.MILL-MAX.COM

**ALL DIMENSIONS IN INCHES**

**DATE**

08/21/02

**DRAWN**

D.M.

**ENG. APPROVAL**

**SHEET NUMBER**

3 of 8

**TITLE**

32 PIN PLCC PIN-OUT

**CUSTOMER APPROVAL**

**DRAWING NUMBER**

940SERIESTBM

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**Table:**

<table>
<thead>
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<th>Pins</th>
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<th>A</th>
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</thead>
<tbody>
<tr>
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<td>940-99-032-24-00X</td>
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**Note:**

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**Printed Circuit Drilling Patterns**

(Top View)

.035" dia. min. mounting holes

**Order As:**
940-99-XXX-24-00X

**Notes:**
- Not End Stackable.
- Accepts JEDEC type MS-018 & MS-016 devices.
- Contact Material: Phosphor Bronze.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: Glass Reinforced PPS Rated UL 94 V-0, Dark Brown Color.

**Dimensions in Inches:**

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<td>.500</td>
<td>.700</td>
<td>1.134</td>
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**Mill-Max® Mfg. Corp.**

P.O. Box 300, 190 Pine Hollow Road, Oyster Bay, NY 11771-0300

Tel: (516) 922-6000  Fax: (516) 922-9253  Web: www.mill-max.com
ORDER AS:
940–99–XXX–24–00X

• NOTES: Not End Stackable.

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  UL 94 V–0, Dark Brown Color.

PRINTED CIRCUIT DRILLING PATTERNS
(TOP VIEW)

.035” dia. min. mounting holes

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<th>Pins</th>
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<th>– B –</th>
<th>– C –</th>
<th>– D –</th>
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</tr>
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<tbody>
<tr>
<td>52</td>
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<td>1.013</td>
<td>.600</td>
<td>.800</td>
<td>1.280</td>
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MILL-MAX® MFG. CORP.
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TEL: (516) 922-6000  FAX: (516) 922-9253  WEB: WWW.MILL-MAX.COM

ALL DIMENSIONS IN INCHES

<table>
<thead>
<tr>
<th>PIN TOLERANCES BEFORE PLATING</th>
<th>INSULATOR TOLERANCES</th>
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</thead>
<tbody>
<tr>
<td>LENGTHS: ±.005</td>
<td>LENGTHS: ±.005</td>
</tr>
<tr>
<td>DIAMETERS: ±.002</td>
<td>THICKNESS: ±.003</td>
</tr>
<tr>
<td>ANGLES: ±.2°</td>
<td>HOLE TO HOLE: ±.001</td>
</tr>
<tr>
<td>NON ACCUMULATIVE</td>
<td>NON ACCUMULATIVE</td>
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TITLE:
52 PIN PLCC PIN–OUT

CUSTOMER APPROVAL
940SERIESTBM

REV

ORDER AS:
940–99–XXX–24–00X

- NOTES: Not End Stackable.
- Contact Material: Phosphor Bronze.
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PIN TOLERANCES
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THICKNESS: ±.003
HOLE TO HOLE: ±.001
NON ACCUMULATIVE

ORDER AS:
940-99-XXX-24-00X

NOTES:
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</thead>
<tbody>
<tr>
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<td>1.413</td>
<td>1.000</td>
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<td>1.856</td>
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ALL DIMENSIONS IN INCHES

REV. DATE REV. DESCRIPTION

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PRINTED CIRCUIT DRILLING PATTERNS
(TOP VIEW)
.035" dia. min. mounting holes

ORDER AS:
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<th>SHEET NUMBER</th>
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<tr>
<td>08/21/02</td>
<td>D.M.</td>
<td></td>
<td>8 of 8</td>
</tr>
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</table>

TITLe
100 PIN PLCC PIN–OUT

CUSTOMER APPROVAL
DRAWING NUMBER
REV

940SERIESSTM —