**FEATURES AND SPECIFICATIONS**

**IEEE 1394-1995**
- Six circuits for speeds up to 400 Mbit/s
- Full metal shielding for ESD protection
- High temperature plastic for SMT processing
- Cable assemblies in several standard lengths
- Rated at 40V and 1.5A

**IEEE 1394a-2000**
- Four circuits for speeds up to 400 Mbit/s
- SMT and thru-hole in various mating heights
- Full metal shielding for ESD protection
- Cable assemblies in three standard lengths
- Rated at 5.0V and 0.5A

---

**NEW PRODUCT** IEEE 1394a-2000 4-Pin Socket, Mini Type

**IEEE 1394 Connector Series**

Right Angle Thru-hole
1394a-2000 Socket
Mini Type
54642-0431

- Fully-shielded top cover for EMI protection
- Flush-mount design provides space savings
- Metal pegs provide strong pcb retention

**Mini Type Space Saving Comparison**

<table>
<thead>
<tr>
<th>Socket Type</th>
<th>Dimensions</th>
<th>Size Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini Type 1394a</td>
<td>5.6 x 6.75 x 9.9</td>
<td>374.22 mm³ (60%)</td>
</tr>
<tr>
<td>Standard 1394a</td>
<td>5.9 x 8.5 x 12.4</td>
<td>621.86 mm³ (100%)</td>
</tr>
</tbody>
</table>

40% Smaller Than Standard 1394a Connectors!

**Re-inforced Grounding**

- Grounding tabs

---

**IEEE 1394a-2000 APPLICATIONS**

- Notebook PC
- Digital Video Camera
- Hard Disc Drive
- Set-Top Box
- DVD-ROM Drive
- CD-ROM Drive
- Digital TV

---

(See reverse side for other 1394 connector options)
IEEE 1394a-2000

Right Angle Thru-hole Socket
With Flange
54775-0411

Right Angle Thru-hole Socket
With Flange
54618-0411

Right Angle Thru-hole Inverse
Socket With Flange
54802-0411

Right Angle Thru-hole Socket
54030-0491
(0.8mm thick PCB)
54030-0492
(1.6mm thick PCB)

Right Angle Thru-hole Inverse Socket
54516-0492
(1.0mm thick PCB)
54516-0493
(1.6mm thick PCB)

Right Angle SMT Midplane Low-profile
Inverse Socket
54515-0411

6-4 Pin Plug Assembly
59233-****

4-6 Pin Plug Assembly
59233-****

4-6 Pin Industrial Type
Plug Assembly 59233-71**

Cable assembly length: 1.0, 2.0 and 4.5 meters
Cable assembly length: 1.0, 2.0 and 4.5 meters
Cable assembly length: 3.5 meters only