

FEATURES AND SPECIFICATIONS



IEEE 1394 Connector Series

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

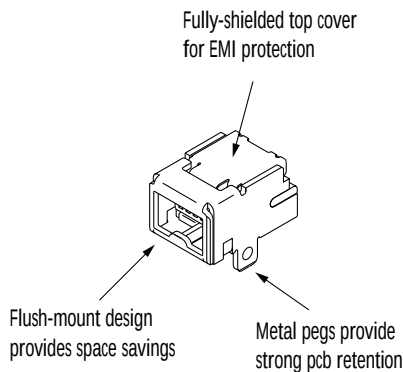
IEEE 1394a-2000

- 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

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



■ Mini Type Space Saving Comparison

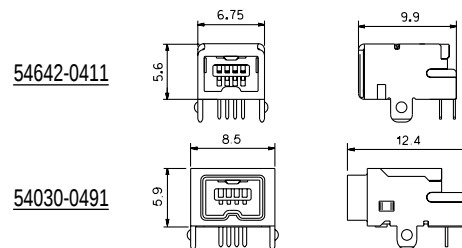
54642-0431 Mini Type 1394a

$5.6 \times 6.75 \times 9.9 = 374.22\text{mm}^3$ (60%)

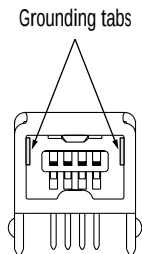
54030-0491 Standard 1394a

$5.9 \times 8.5 \times 12.4 = 621.86\text{mm}^3$ (100%)

40% Smaller Than Standard 1394a Connectors !

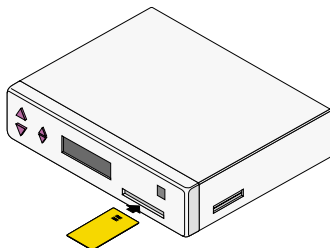


■ Re-inforced Grounding

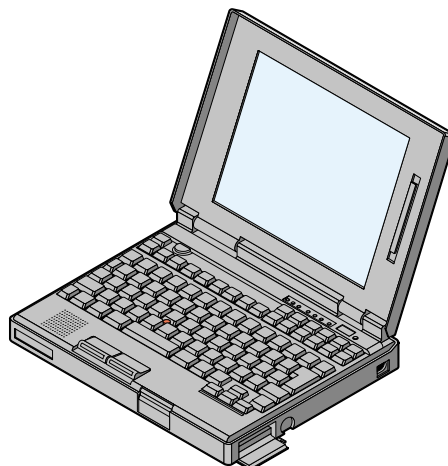


IEEE 1394a-2000 APPLICATIONS

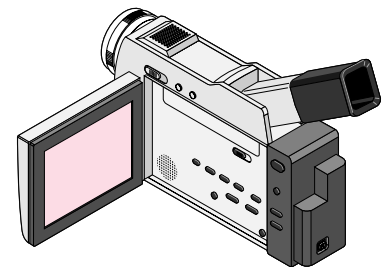
- Notebook PC
- Digital Video Camera
- Hard Disc Drive
- Set-Top Box
- DVD-ROM Drive
- CD-ROM Drive
- Digital TV



Set-Top Box



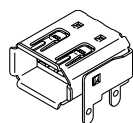
Notebook PC



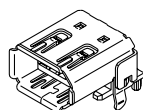
Digital Video Camera

(See reverse side for other 1394 connector options)

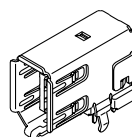
Right Angle Thru-hole
Flat Socket 53984-0611



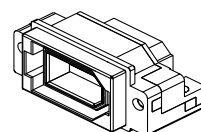
Right Angle SMT
Flat Socket 53462-0621



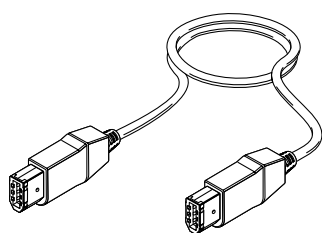
Right Angle Thru-hole
Upright Socket 53460-0621



Right Angle SMT Industrial Type
Flat Socket 55395-0611

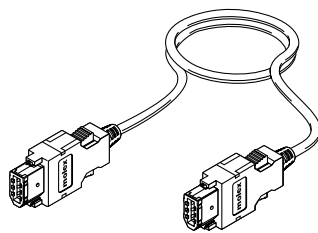


6-6 Pin Plug Assembly
59233-0*0*



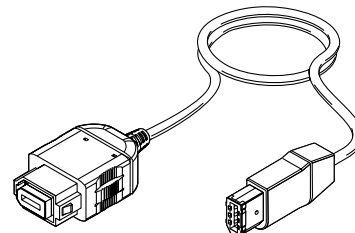
Cable assembly length: 0.7, 1.0, 2.0 and
4.5 meters

6-6 Pin Latching Type
Plug Assembly 59233-6003



Cable assembly length : 4.5 meters only

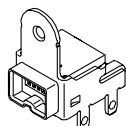
6-6 Pin Industrial Type
Plug Assembly 59233-70**



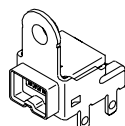
Cable assembly length : 3.5 meters, 4.5 meters

IEEE 1394a-2000

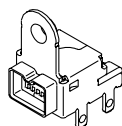
Right Angle
Thru-hole Socket
With Flange
54775-0411



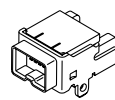
Right Angle
Thru-hole Socket
With Flange
54818-0411



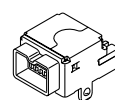
Right Angle
Thru-hole Inverse
Socket With Flange
54802-0411



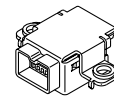
Right Angle
Thru-hole Socket
54030-0491
(0.8mm thick PCB)
54030-0492
(1.6mm thick PCB)



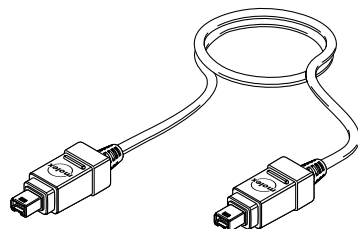
Right Angle
Thru-hole Inverse Socket
54516-0492
(1.0mm thick PCB)
54516-0493
(1.6mm thick PCB)



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

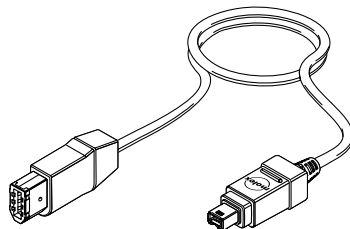


6-4 Pin Plug Assembly
59233-****



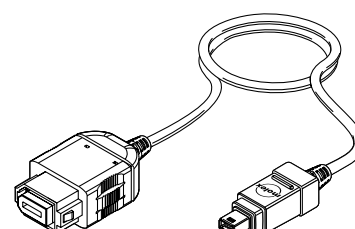
Cable assembly length: 1.0, 2.0 and 4.5 meters

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



Cable assembly length: 1.0, 2.0 and 4.5 meters

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



Cable assembly length: 3.5 meters only

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