

FEATURES AND SPECIFICATIONS

Features and Benefits

- Size 6 circuits
- Provides the interface for speeds up to 400 Mbps
- Full metal shielding for ESD protection
- High-temperature plastic housing for SMT processing
- Rugged Gold-plated leaf contacts withstand up to 1500 cycles
- Polarized shell design and friction lock grounding fingers ensure plug retention

Reference Information

Packaging: Tray

Mates With: [59233-0XXX](#), [59233-300X](#) and [59233-6003](#) cable plugs

Designed In: Millimeters

Electrical

Voltage: 40V

Current: 1.5A

Contact Resistance: Terminal—30mΩ max.

Shell—50mΩ max.

Dielectric Withstanding Voltage: 500V AC/1 min.

Insulation Resistance: 1000 MΩ min.

Physical

Housing: Black glass-filled 4/6 nylon, UL 94V-0 or equivalent

Shell: Phosphor Bronze, Tin/Lead over Nickel plating

Contact: Brass

Plating: Contact area—Gold over Nickel

Solder Tail Area—Tin/Lead over Nickel

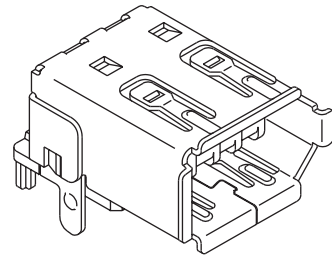
Operating Temperature: -40 to +85°C



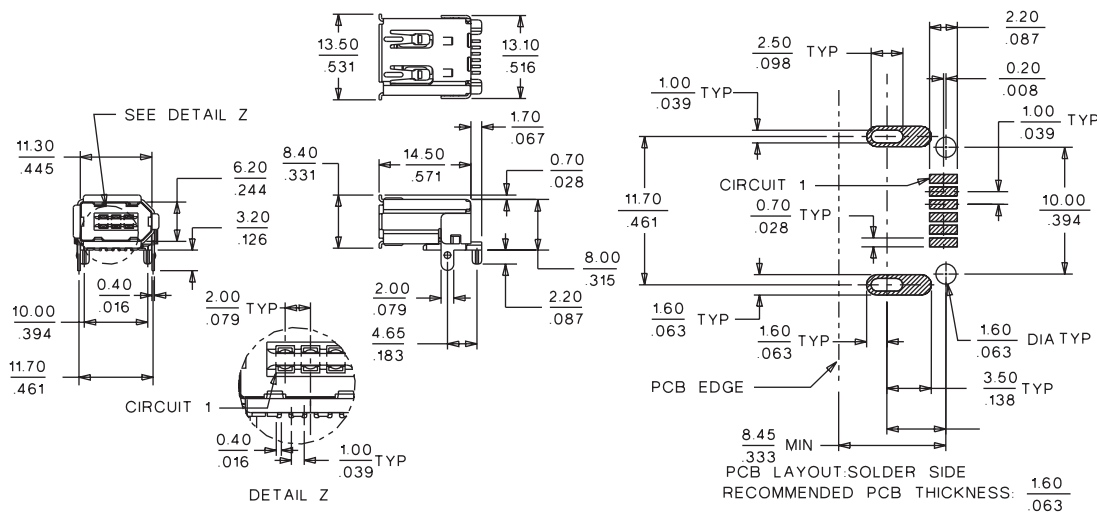
2.00mm (.079") Pitch IEEE 1394-1995 Shielded I/O PCB Socket

53462

Right Angle Flat, SMT



CATALOG DRAWING (FOR REFERENCE ONLY)



Note: Drawing shown is 53462-0611

ORDERING INFORMATION

Circuits	Order No.	
	With Kinked Metal Pegs	Without Kinked Metal Pegs
6	53462-0621	53462-0611

Note: Molex's IEEE 1394 connector and cable products are licensed for use exclusively with the 1394 BUS technology. Use of this product contrary to this restriction will constitute a violation of certain license restrictions and may pose a serious safety hazard.