

## Recommended Component Suppliers

The following companies' products have either been used by DATEL or recommended to us by our customers. All have proven track records. We hope this information saves you time and money. Unfortunately, many companies have minimum order requirements which can frustrate the prototype-building process. This can sometimes be overcome by requesting samples. It does no harm to ask! If the sample approach does not work, ask for the nearest authorized distributor. In many cases, they have more liberal sample policies and/or lower minimum order quantities.

### **DC CURRENT SHUNTS** (Terminal Block Style, 0-30,000 Amperes)

Empro Manufacturing Co., Inc.  
P.O. Box 26060  
Indianapolis, IN 46226 USA  
Tel: 317-823-4478 Fax: 317-823-4835  
Internet: [www.thomasregister.com](http://www.thomasregister.com)

### **DC CURRENT SHUNTS** (PC Board Mount Style, 0-20 Amperes)

ISOTEK Corp.  
566 Wilbur Ave.  
Swansea, MA 02777 USA  
Tel: 508-673-2900 Fax: 508-676-0885  
Internet: [www.isotekcorp.com](http://www.isotekcorp.com)

ISOTEK products are suitable for use in precision, current-sensing instrumentation. Shunts are available in leaded and SMT styles.

### **DC /DC CONVERTERS**

DATEL, Inc.  
11 Cabot Boulevard  
Mansfield, MA 02048-1151 USA  
Tel: 508-339-3000 Fax: 508-339-6356  
Internet: [www.datel.com](http://www.datel.com)

### **PANEL MOUNT CONNECTORS**

Molex  
2222 Wellington Court  
Lisle, IL 60532 USA  
Tel: 800-786-6359 Fax: 630-968-8356  
Internet: [www.molex.com](http://www.molex.com)

Molex products are available through many distributors (including Digi-Key) throughout the world.

### **PC BOARD SOCKETS AND ACCESSORIES**

Samtec, Inc.  
P.O. Box 1147  
New Albany, IN 47151-1147 USA  
Tel: 812-944-6733 Fax: 812-948-5047  
Internet: [www.samtec.com](http://www.samtec.com)

Samtec also manufactures pre-wired insulation displacement connectors (IDC's) that are useable with most DMS meters.

### **PRECISION RESISTORS** ( $\pm 0.1\%$ to $\pm 0.5\%$ )

Precision Resistive Products, Inc.  
202 Mack Lane  
Mediapolis, IA 52637 USA  
Tel: 319-394-9131 Fax: 319-394-9280  
Internet: [www.prpinc.com](http://www.prpinc.com)

PRP carries leaded precision resistors. High-voltage and custom values are also available.

### **PRECISION VOLTAGE CALIBRATORS**

Calibrators Inc.  
26 Oxford Road  
Mansfield, MA 02048 USA  
Tel: 508-337-3001 Fax: 508-337-6488  
Internet: [www.calibratorsinc.com](http://www.calibratorsinc.com)

Calibrators Inc. manufactures high-precision voltage sources suitable for calibrating and/or verification of DMS Series meters.

### **VOLTAGE REGULATORS** (Three Terminal, LM7805)

Digi-Key Corp.  
P.O. Box 677  
701 Brooks Ave. South  
Thief River Falls, MN 56701-0677 USA  
Tel: 800-344-4539  
Internet: [www.digikey.com](http://www.digikey.com)

Digi-Key also carries a wide selection of  $\pm 1\%$  resistors, potentiometers, capacitors, coils, connectors, etc.