

# Fiber Optic Multiplexer Modules

## **Tritech Interface**

*Supports Tritech Network and Multiple Responder Triggers*

### **Description**

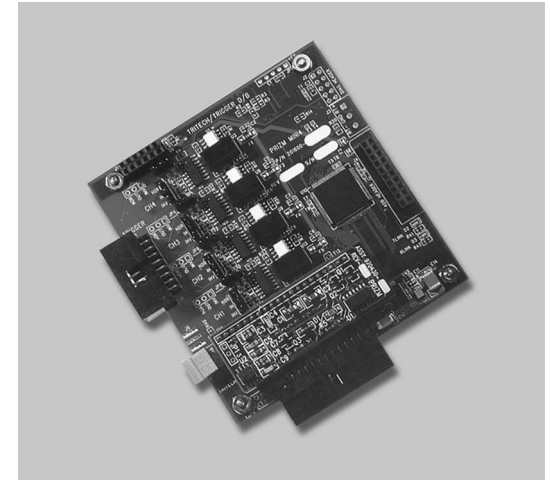
The Prizm™ Tritech sonar / trigger daughterboard provides a tritech sonar interface and 4 channels of isolated trigger / responder interfaces.

### **Features**

- Provides a Tritech interface
- Each trigger / responder channel individually isolated from each other
- Full system diagnostics with GUI output
- Options for +5 VDC or +15 VDC trigger / responder voltage output swing
- Each trigger / responder channel is bidirectional and supports selection of inverting or non-inverting the signal polarity
- Active transmit / receive channel status LEDs

### **Benefits**

- The lightweight and compact interface board is provided in a PC-104 footprint
- The Prizm system supports multiple input / output voltages
- The Tritech interface is available OEM as a daughterboard solution



### **Typical Applications**

- Sonar

**PRIZM™**

**MOOG**  
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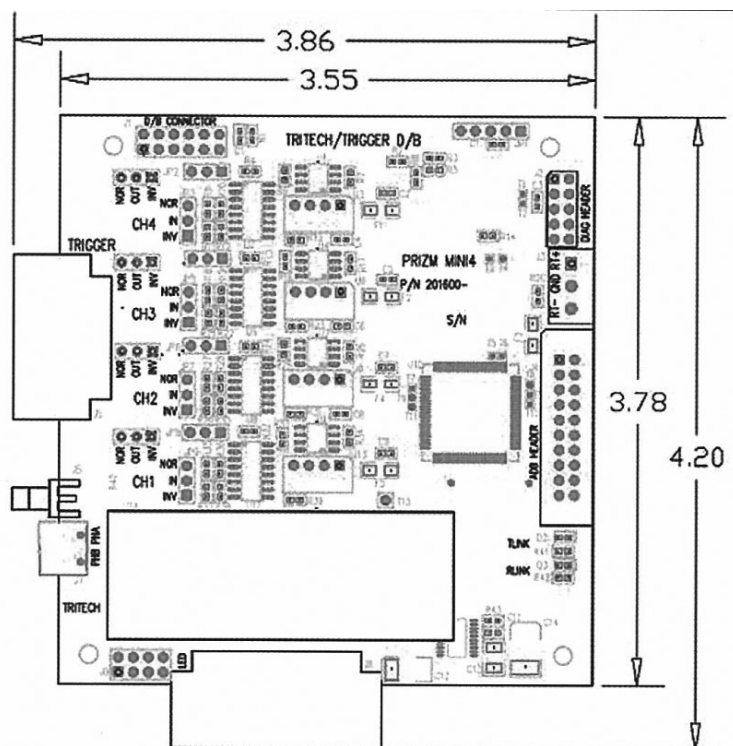
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## Specifications

Supply	
Voltage	+5 VDC
Power	1.0 watts
Video / Data	
Responder Channels	4 channels, individually isolated
Tritech Interface Channel	Single isolated channel; data range 156 Kbps
Interface Connectors	
Tritech Connectors	2 P/N Phoenix plug-in or mini 75 SMB coax, optionally
Trigger Data Mating Connector	16-pin AMP crimp plug (p / p 1-87631-1) or 16-pin ribbon cable

Environmental	
Operating Temperature	-20° to +65° Celsius
Storage Temperature	-40° to +85° Celsius
Relative Humidity	Up to 90% non-condensing
Ordering	
Part Number	201600-001X 5 VDC Output Voltage
	201600-002X 15 VDC Output Voltage

## Mechanical Information



Dimensions in inches.

24 / 7 Technical Customer Support  
Hotline: 610-605-6101