

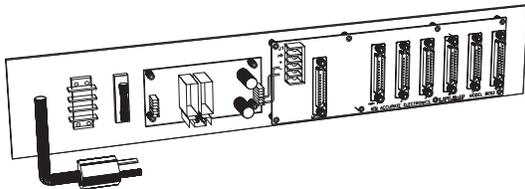
6 PORT RS-232 DATA COMBINER

MODEL 10805200 +5VDC Input

MODEL 10805201 117VAC Input

MODEL 10805202 PCB Mounted DC/DC Converter, 48VDC

MODEL 10805203 Input 110-370 VDC or 85-264 VAC



CONTENTS

	<u>PAGE</u>
1.) GENERAL	A
2.) CIRCUIT DESCRIPTION	A
3.) MECHANICAL OUTLINE - 10805200	A
4.) MECHANICAL OUTLINE - 10805203	A
5.) MAINTENANCE	A
6.) WARRANTY	A

FIGURES

Figure 1... CIRCUIT DESCRIPTION	B
Figure 2... MECHANICAL OUTLINE - 10805200, 01, 02	C
Figure 3... MECHANICAL OUTLINE - 10805203	D

1. GENERAL

1.01 This practice provides application, specification, circuit and mechanical description, maintenance, installation, and warranty information relating to Accurate Electronics' 6 Port RS-232 Data Combiner, Model 10805200.

1.02 The Model 10805200, 6 Port RS-232 Data Combiner allows up to six DTE devices to be connected to a common DCE device such as a modem.

1.03 Receive data from the modem port is buffered and fanned out to each of the six local ports. Transmit Data and Request To Send from each of the local ports is OR'ed and the buffered outputs are applied to the modem port.

1.04 Pin 1 (shield ground) of all devices are connected together. See Figure 1.

1.05 The Model 10805200 and it's variations are shipped with a 19" x 3.5" x 1/8" aluminum panel for 19" rack mounting.

1.06 The Model 10805200 operates on +5VDC.

1.07 The Model 10805201 is equipped with a 117VAC power supply mounted on the panel.

1.08 The Model 10805202 is provided with a PCB mounted DC/DC converter and requires 48VDC.

1.09 The Model 10805203 operates with an input voltage of 110-370 VDC or 85-264 VAC (47-63 Hz) and an output voltage of 5VDC at 2A (max).

2. CIRCUIT DESCRIPTION

2.01 See FIGURE 1.

3. MECHANICAL OUTLINE - 10805200, 01, 02

3.01 See FIGURE 2.

4. MECHANICAL OUTLINE - 10805203

4.01 See FIGURE 3.

5. MAINTENANCE

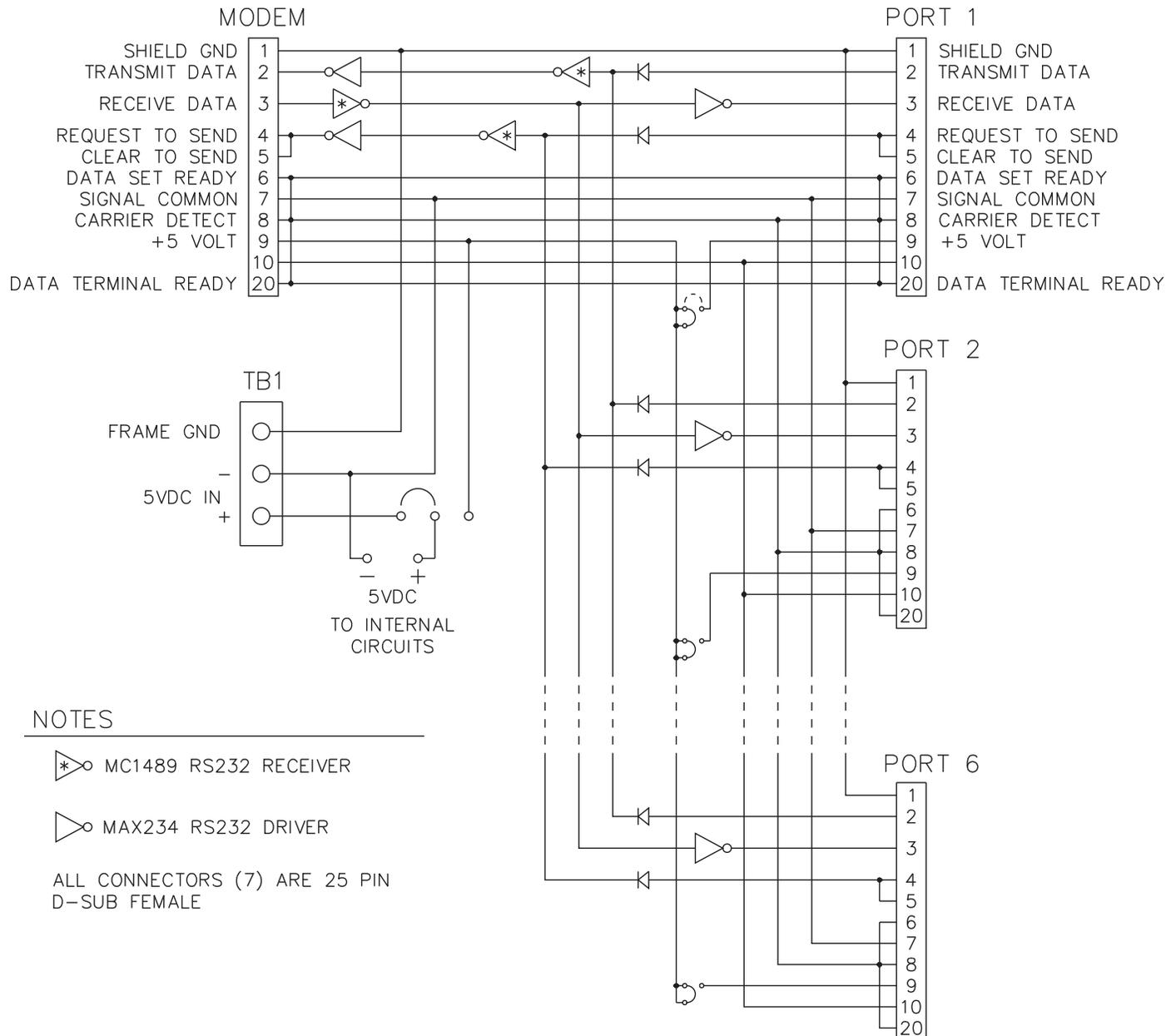
5.01 No preventive maintenance is required. General care is recommended.

6. WARRANTY

6.01 See WARRANTY in front of catalog.

This document contains proprietary information and is supplied for identification, maintenance, engineering evaluation or inspection purposes only and shall not be duplicated or disclosed without written permission of: ACCURATE ELECTRONICS INC By accepting this document the recipient agrees to make every effort to prevent unauthorized use of this information.

FIGURE 1. CIRCUIT DESCRIPTION (SIMPLIFIED) - MODEL 10805200



NOTES

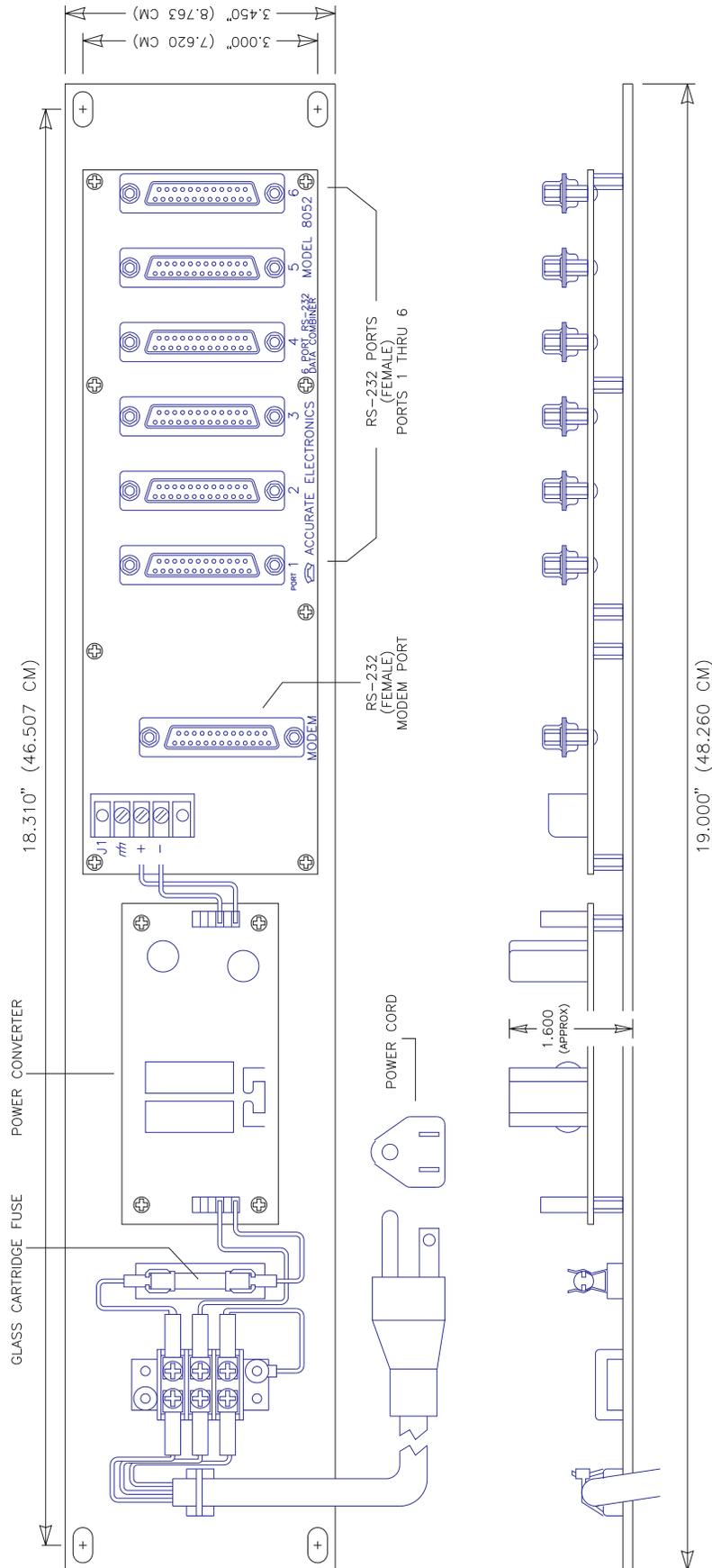
 MC1489 RS232 RECEIVER

 MAX234 RS232 DRIVER

ALL CONNECTORS (7) ARE 25 PIN D-SUB FEMALE

This document contains proprietary information and is supplied for identification, maintenance, engineering evaluation or inspection purposes only and shall not be duplicated or disclosed without written permission of: ACCURATE ELECTRONICS INC By accepting this document the recipient agrees to make every effort to prevent unauthorized use of this information.

FIGURE 2. MECHANICAL OUTLINE - MODELS 10805200, 10805201, 10805202



This document contains proprietary information and is supplied for identification, maintenance, engineering evaluation or inspection purposes only and shall not be duplicated or disclosed without written permission of: ACCURATE ELECTRONICS INC By accepting this document the recipient agrees to make every effort to prevent unauthorized use of this information.

FIGURE 3. MECHANICAL OUTLINE - MODEL 10805203

