APPLICATION		REVISIONS			
NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED

MICRO PCM ENCODER SERIES

MI_PWR1 Power Supply

The MI_PWR1 Power Supply provides isolated power for the MICRO PCM ENCODER SERIES in a small package size. Isolated digital and analog voltages are produced for MICRO series PCM attached modules. Power input is isolated from regulated digital voltages and is isolated from regulated analog voltages. Power is input to the attached PCM Base unit (typically MI_BASE3 module) connector and passed internally to the MI_PWR1 Module.

INPUT POWER:

5V to 17V

ABSOLUTE MAXIMUM RATINGS:

+- 20V

Environmental:

Operating Temperature:	-40°C to +85°C
Storage Temperature:	-55°C to +125°C
Humidity:	Relative humidity of 85% for two hours at 65°C.
Altitude:	Unlimited
Vibration:	20g's RMS from 5 to 2000Hz in each major axis.
Acceleration:	Constant acceleration of 100g's in each axis.
Shock:	100g's for 10m second in each major axis.

Mechanical:

Size:

Length: 3.50 inches; Width: 1.25 inches; Height: 0.215 inches.

CONTRACT NO.		QUAD TRON, INC.				
APPROVALS	DATE	MICRO PCM ENCODER SERIES MODEL MI_PWR1 - POWER SUPPLY				
DRAWN MJC	09/05/07					
CHECKED RHM	09/05/07	SIZE A	FSCM NO. OBPE4	DRAWING NO. 57-2597		REV A
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