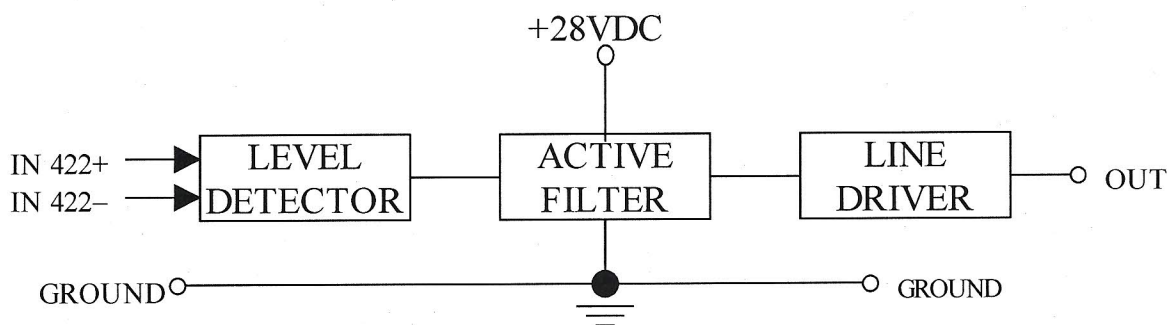


QUAD TRON, INC.

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Warminster, PA 18974

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PREMODULATION FILTER MODEL PMF12



DESCRIPTION

THE PMF12 PREMODULATION FILTER IS DESIGNED TO SUPPLY ADDITIONAL CURRENT DRIVE FOR LOW IMPEDANCE LOADS (COAX CABLE) AT HIGH BIT RATES WITH RS422 INPUT DATA. THE PMF12 CAN DRIVE A 75 OHM LOAD IN PARALLEL WITH 1000pF AT $\pm 2.5V$, 2 MEGA BIT NRZ-L. CONTACT FACTORY FOR INCREASED DRIVE CAPABILITY. THE INPUT LEVEL DETECTOR REMOVES UNDESIRABLE NOISE SPIKES FROM THE PCM DATA PRIOR TO FILTERING.

FEATURES

- AIRBORNE QUALIFIED
- THICK-FILM RELIABILITY
- SMALL SIZE
- HIGH GAIN ACCURACY
- HIGH STABILITY
- POT AMPLITUDE ADJUST

POWER REQUIREMENTS

VOLTAGE:	28 \pm 4 VDC
CURRENT:	65mA Nominal
OVERVOLTAGE:	$\pm 40VDC$

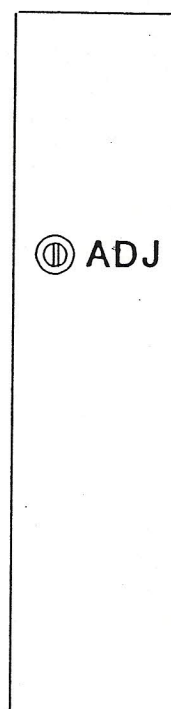
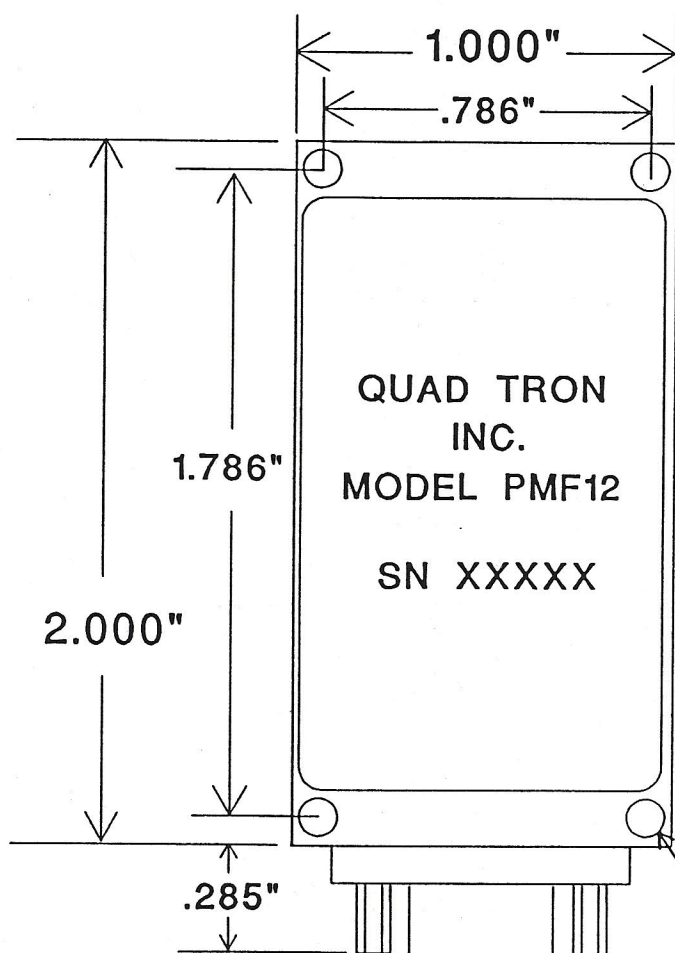
SPECIFICATIONS

TYPE:	6 Pole Bessel
INPUT:	$\pm 10V$ Maximum (Threshold +1.0 To +3.0VDC), (CMOS ON TTL)
FREQUENCY: (specify)	5K Bit To 5M Bit NRZ-L
OUTPUT: (specify)	$\pm 2.5VDC$ or 0 +5VDC, Pot Standard
TEMPERATURE RANGE:	-40°C To +85°C For Specified Operation

FOR MORE DETAILED SPECIFICATIONS, CONTACT FACTORY OR LOCAL REPRESENTATIVE

QTI Quad Tron Inc.

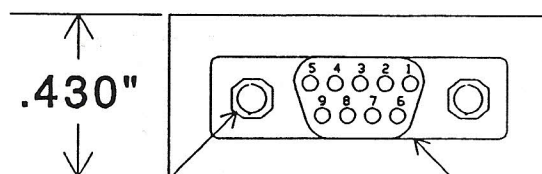
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



PIN CONNECTIONS PMF12

1. OUTPUT
2. GND
3. B+
4. N/C
5. RS 422 -
6. N/C
7. CHASIS GND
8. N/C
9. RS 422 +

MOUNTING HOLES
FOR #4-40 PAN HD SCREW
4 PLACES



JACKPOST
#322-9500-000

MDB1-9S
MATE: MDB1-9P