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|--|---------|-----------------|---------|----------------------------|
| | | CHATSWORTH, CA. | | |
| | | | | ECN |
| SCALE | 1/2 | REV | DATE | ECN |
| DATE | 10/2/95 | PART NO. | 4129 | |
| DRAWN | D.Z. | CHECKED | N.C. | |
| APPROVED | | NEXT ASSEMBLY | USED ON | 4129 |
| TITLE OUTLINE/INSTALLATION CONTROL DRAWING, 6 CHANNEL RMS-DC CONVERTER, MODEL 4129 | | | | DWG NO. 127-4129 |
| | | | | SHEET 1 OF 1 |

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
 TOLERANCE: .XXX ± .XX ± .X

SURFACE FINISH
 EXCEPT AS NOTED ✓

BREAK EDGES TO DEBURR
 RADIUS OR CHAMFER

△ THESE DIAS TO T.I.R.

FILLETS - MAX. RAD.

**SPECIFICATIONS, MODEL 4129
TRUE RMS VIBRATION METER**

| SPECIFICATION | VALUE | UNITS |
|---|--------------------------------------|--------------|
| FULL SCALE "G" RANGE (for 10 vdc out) [1] | 5 | G's, RMS |
| FULL SCALE RANGE (for 10 vdc out) | .500 | VAC, RMS |
| OVERALL GAIN | 20 | |
| ACCURACY [2] | +/- 1 | %FS |
| FREQUENCY RESPONSE, +/- 5% | 5 to 100K | Hz |
| DC OUTPUT VOLTAGE SWING (FS) | 0 to 10 | VDC |
| OUTPUT IMPEDANCE of 0-10 VDC OUTPUT | 50 | OHMS |
| OUTPUT IMPEDANCE, MONITOR JACK | 100 | OHMS |
| ELECTRICAL JACKS | | |
| ACCEL (SENSOR) INPUT (6) | BNC, REAR PANEL | |
| 0-10 VDC OUTPUT (12) | BNC, (6) REAR PANEL, (6) FRONT PANEL | |
| MONITOR (1) | BNC, REAR PANEL | |
| SENSOR SUPPLY CURRENT PER CHANNEL | 5.0 | mA |
| SENSOR COMPLIANCE VOLTAGE | +24 | VDC |
| SIZE, (H x W x D) [3] | 1.75 x 19.00 x 10.60 | INCHES |
| WEIGHT | 5.5 | LBS |
| RACK MOUNT | PER RTMA 19" STANDARD RACK MOUNT | |

[1] "G" ranges cited are valid when used with 100 mV/G accelerometer such as Dytran's Model 3100B.

[2] 4129 only. Accelerometer calibration may add more uncertainty to the system accuracy.

[3] Mounts in standard 19 inch wide equipment rack.