



SPECIFICATIONS

VOLTAGE OUTPUT
QUARTZ ACCELEROMETER

REVISIONS

B ECR 2892

FOR
5/14/90

SHEET 1 OF 1

MODEL NO.

328B04

RANGE (FOR $\pm 5V$ OUTPUT)	g PK	± 50
RESOLUTION	g PK	0.002
USEFUL OVERRANGE (UNDISTORTED)	g PK	100
SENSITIVITY ($\pm 5\%$)	mV/g	100
PHASE RESPONSE (4 Hz to 2 kHz)	degree	≤ 4
RESONANT FREQUENCY (MTD)	kHz	≥ 10
FREQUENCY RANGE ($\pm 10\%$)	Hz	1 to 3000
DISCHARGE TIME CONSTANT	s	0.5
AMPLITUDE LINEARITY 1	%	1
OUTPUT IMPEDANCE (NOMINAL)	ohm	< 100
OUTPUT BIAS	+volt	8 - 14
OVERLOAD RECOVERY 200% O.L.	μs	10
TRANSVERSE SENSITIVITY	%	≤ 3
STRAIN SENSITIVITY	g/ $\mu in/in$	0.0003
TEMPERATURE RANGE	$^{\circ}F$	-50 to +250
TEMPERATURE COEFFICIENT	%/ $^{\circ}F$	0.02
SHOCK (MAX)	g PK	1000
SHOCK (MAX)	g PK	4000 w/protection
STRUCTURE		QUARTZ
SIZE (DIA x HEIGHT)	inch	1 x 1.8
SEALING	welded	HERMETIC
CASE MATERIAL	st stl	316L
WEIGHT	grams	85
CONNECTOR (MIL-C5015)	2 PIN	A22-10SL
CASE ISOLATION	ohm	$\geq 10^8$
EXCITATION	+Vdc/mA	24-28/4-20

1 ZERO BASED BEST STRAIGHT LINE.

SUPPLIED ACCESSORIES:
MOUNTING STUD-MODEL 001820

APP'D	2	12/1/89	SPEC No.
ENGR	How	12/1/89	328-2040-80
SALES	JAL	2/15/89	