



- NOTES:
1. CUSTOMER PART NUMBER XXXXXX.
 2. UNLESS SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RANGE: 450 GRAMS.
 4. MAX FORCE: 750 GRAMS (NO DAMAGE).
 5. EXCITATION: 5.0VDC, 8 VDC MAX ACROSS EACH GAGE.
 6. ISOLATION: CIRCUIT TO ELEMENT: > 5 KMEG.
 7. MAX STORAGE TEMPERATURE: 250 DEGREES F.
 8. NOMINAL SENSITIVITY: 16 mV/V @ 150 GRAMS FOR MODEL SJ-03 TESTED WITH CIRCUIT SHOWN.
 9. BONDED GAGE RESISTANCE: 350 OHMS +/-10% AT 70 +/-2 DEGREES F. GAGE RESISTANCES MUST MATCH WITHIN 3%.
 10. CONNECTOR PIN AND TEST WIRE COLOR CODE:

PIN 1	SHIELD AND BEAM	BLUE
PIN 2	+ EXCITATION	RED
PIN 3	+ SIGNAL	GREEN
PIN 4	- EXCITATION	BLACK
 11. FLATNESS TOLERANCE OF ASSEMBLED B-52822 SPRING: 0.25 (.0098") MAX.
 12. DAMPING MATERIAL WILL CAUSE OUTPUT CREEP UNDER STATIC LOADING.
 13. APPLY LABEL TO CABLE AS SHOWN, SHOWING CUSTOMER PART NUMBER, APPLICABLE REVISION, AND SERIAL NUMBER. EACH UNIT SHIPPED MUST HAVE A UNIQUE SERIAL NUMBER.
 14. OUTPUT VARIATION TOLERANCE: +/-20%.

Parts List				
ITEM	QTY	ITEM#	PART NUMBER	DESCRIPTION
1	1	4797	52703	Flex Circuit Assembly
2	1	4903	52822	Spring Element (See Table)
3	2	2574	RFP-400-090	Strain Gage
4	1	5164	BLKM07679	
5	1	5104	BLKE01630	Cable Tie
6	1	5167		Label
7	1	4907	52825	Spring Damper

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DRAWN BY: RRV DATE: 10/7/2003 MATERIAL:

CHECKED BY: DATE: FINISH:

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ON:
 DECIMALS
 2 PLACE: II0.01
 3 PLACE: II0.005
 FRACTIONS: II1/64
 ANGLES: II0.25"

Model SJ

Outline and Assembly

SCALE 2:1	
SHEET 1 OF 1	
SIZE	57747
B	52823
REV	G