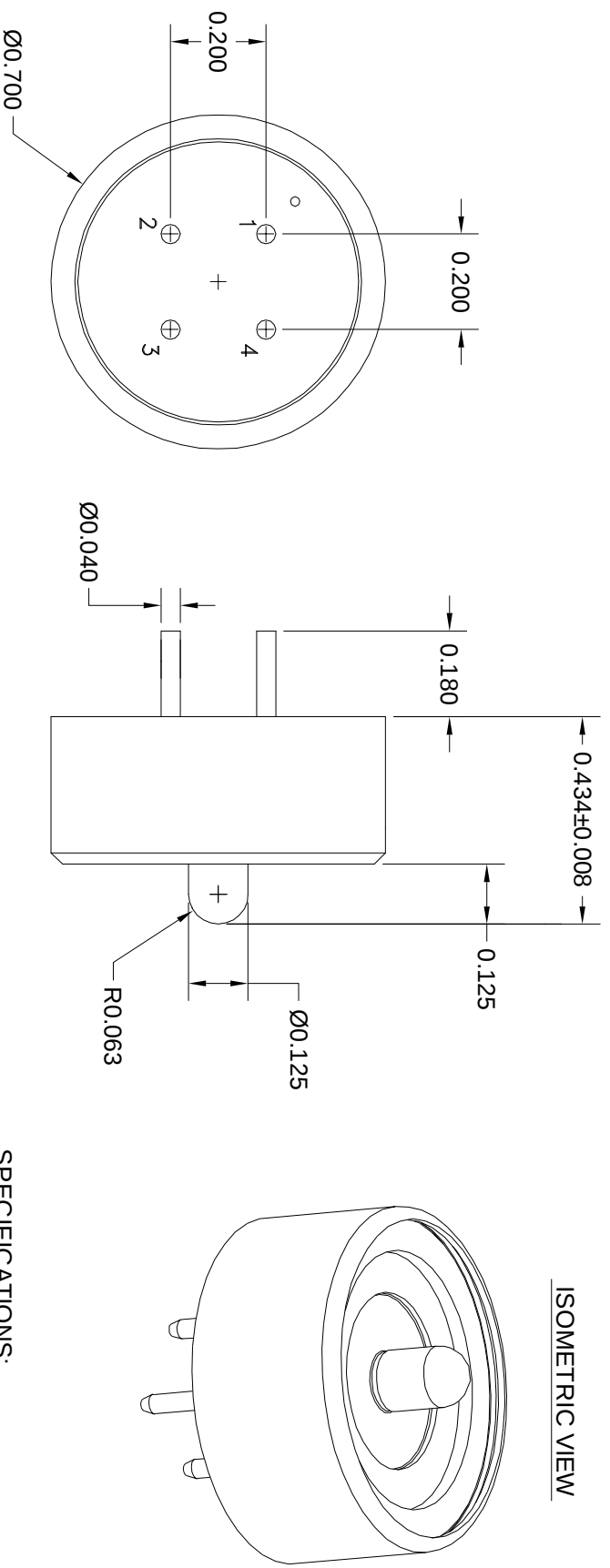
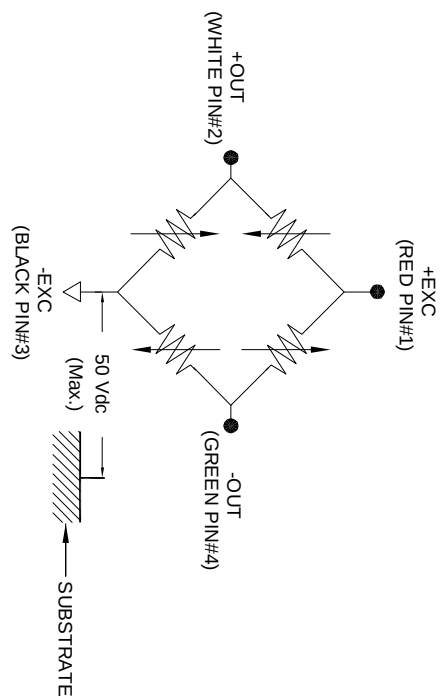




ISOMETRIC VIEW

SPECIFICATIONS:

CAPACITIES (LBS FORCE):	25
OUTPUT (mV/V):	1.8±0.6
OFFSET (mV/V):	±0.75
EXCITATION (V ac OR dc):	5-20
ULTIMATE OVERLOAD (% OF RANGE):	100
BRIDGE CONFIGURATION:	FULL BRIDGE, 4 WIRE CLOSED
BRIDGE RESISTANCE (Ω):	5,000±2%
INSULATION RESISTANCE @ 50Vdc (M Ω):	>1,000
NONLINEARITY (% OF SPAN):	<1
REPEATABILITY (% OF SPAN):	<0.5
TEMP. EFFECT ON ZERO BALANCE (% OF SPAN):	<0.1 /°C
TEMP. EFFECT ON SPAN (% OF READING):	<0.05 /°C
ELECTRICAL TERMINATION:	0.04 DIA. GOLD-PLATED PINS



ELECTRICAL SCHEMATIC



STRAIN MEASUREMENT DEVICES

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Fax: +44 (0) 1284 852 371
sales@smdsensors.co.uk

TITLE:

S420 OUTLINE DRAWING

REV:

3

DWG No.

SMD2508

DATE:

07/16/01

SCALE:

NONE

DIM:

INCHES

UNLESS OTHERWISE SPECIFIED:

X/X = 1/64"

X = ±0.030"

.XXX = ±0.001"

.XX = ±0.010"

.Xmm = ±0.5mm

X.Xmm = ±0.3mm

X.XXXmm = ±0.15mm

ANGLES = ±2°

ANGLES = ±2°