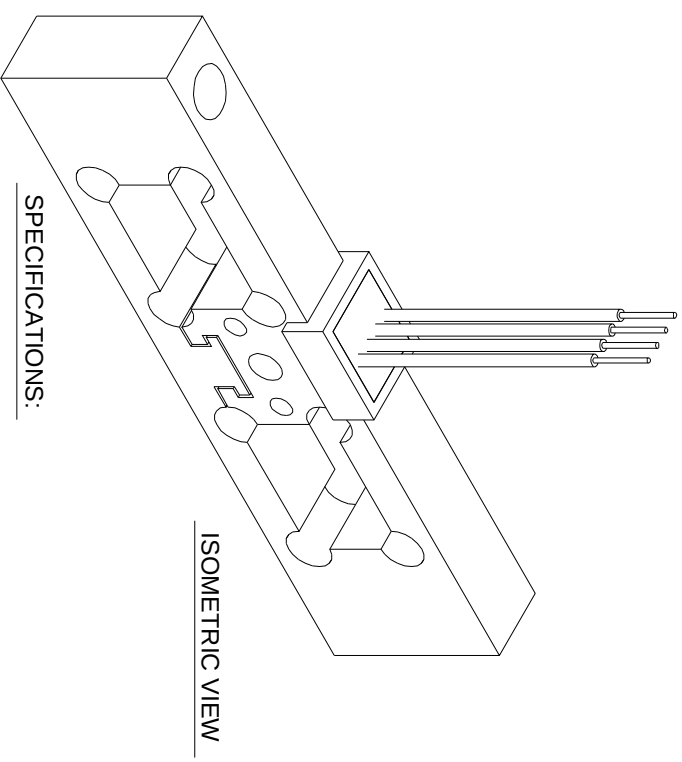
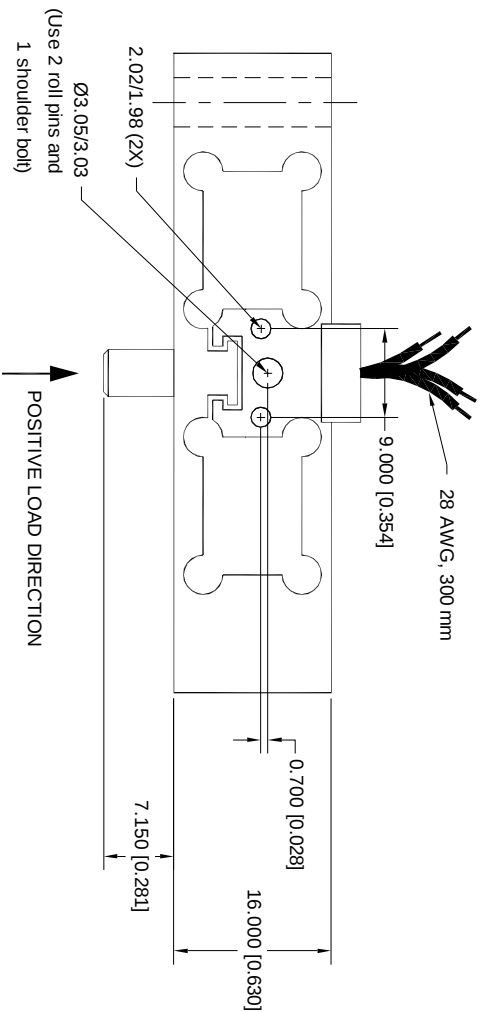


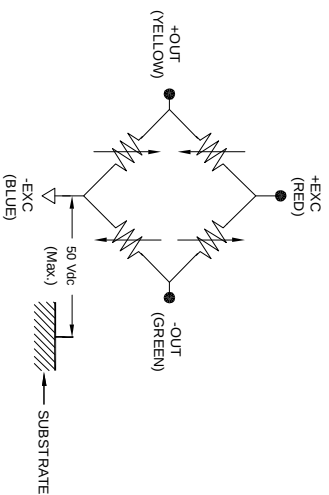


SPECIFICATIONS:

CAPACITIES (kg/Force):
OUTPUT (mV/V Nominal):
OFFSET (mV/V Nominal):
EXCITATION (V or dc):
ULTIMATE OVERLOAD (% of Range):
OFF CENTER LOADING ERROR:

BRIDGE CONFIGURATION:
BRIDGE RESISTANCE (Ω):
INSULATION RESISTANCE @ 50Vdc (MΩ):
NONLINEARITY (% of Span):
REPEATABILITY (% of Span):
HYSTERESIS (% of Span):
CREEP (% of Span - Zero Return After 30 Min.):
TEMP. EFFECT ON ZERO BALANCE (% Span):
TEMP. EFFECT ON SPAN (% Reading):
ELECTRICAL TERMINATION:

2, 10, 20, 50
 2 (1.8 - 2.4)
 ±0.5
 5 - 20
 >1000 (At Center Loading Point)
 ±0.0025 mV/V (Deviation From Center Load Reading, Measured at 2.5% of Range, 80mm From Stud)
 Full Bridge, 4 Wire Closed
 10,000 - 11,500
 > 1,000
 < 0.03
 < 0.03
 < 0.02
 < 0.03
 < 0.05
 < 0.03 /°C (0.017 /°F)
 < 0.025 /°C (0.014% /°F)
 Standed PVC insulated wire, 10 x 0.1mm (Approx. 28AWG), 300mm (11.5") Long



ELECTRICAL SCHEMATIC

RANGE (kg)	ITEM NO.	MATERIAL
2kg	2352-002	17-4PH
10kg	2352-010	17-4PH
20kg	2352-020	17-4PH
50kg	2352-050	17-4PH



UNLESS OTHERWISE SPECIFIED:

X/X = 1/64"
 X = ±0.030"
 .XX = ±0.010"
 .XXX = ±0.005"
 .XXXX = ±0.001"
 ANGLES = ±2°
 Xmm = ±0.5mm
 X.XXmm = ±0.5mm
 X.XXXmm = ±0.15mm
 ANGLES = ±2°

STRAIN MEASUREMENT DEVICES

USA

55 Barnes Park North
 Wallingford, CT 06492

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 Fax: (203) 265-0544
 askus@smdsensors.com

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 England

Tel: +44 (0) 1284 852 000
 Fax: +44 (0) 1284 852 371
 sales@smdsensors.co.uk

S 300 OUTLINE DRAWING

TITLE:	REV:
DWG No. SMD2352	2
DATE: 10/02/00	
SCALE: NONE	
DIM: mm [INCH]:	