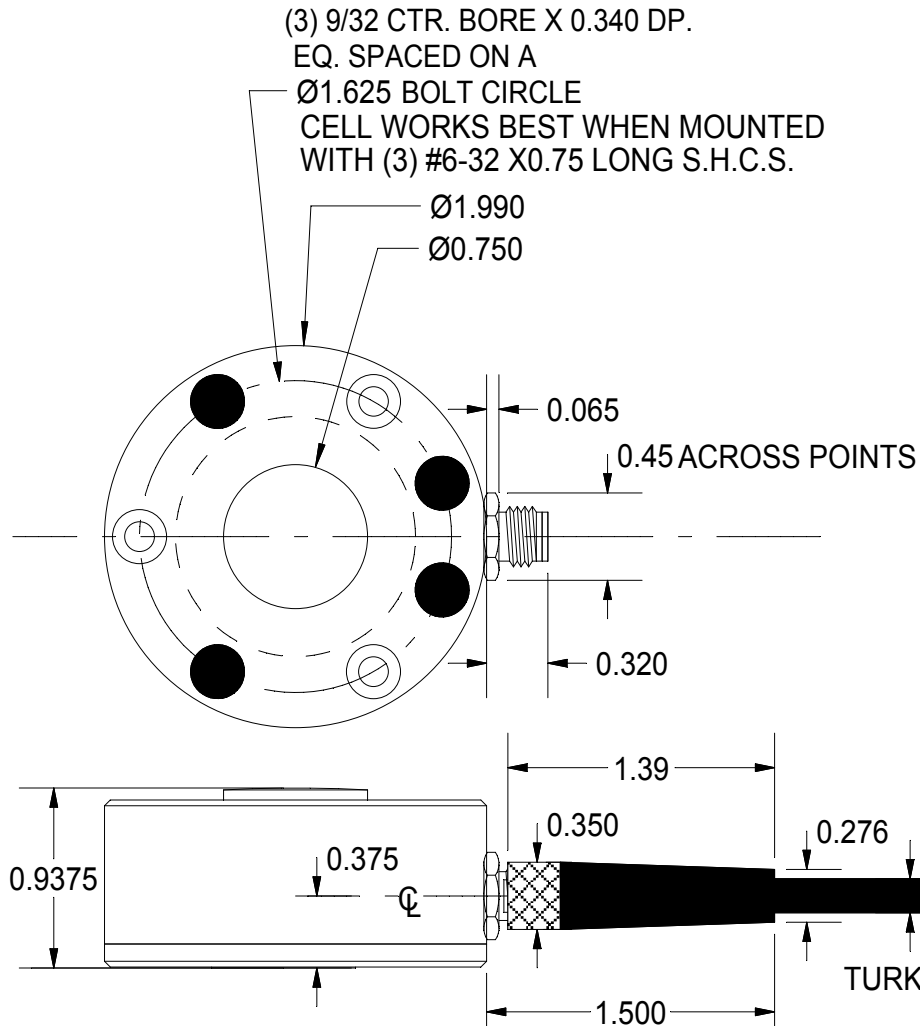


REV	DATE	DESCRIPTION	ECO	SIGN
1	5/15/02	RELEASE TO PILOT		
2	6/15/07	WAS 1.000 TALL		

SPECIFICATIONS:

RATED CAPACITY, FATIGUE RATED FOR INFINITE LIFE	30,000 POUNDS
RATED OUTPUT	3 mV/V typical
COMBINED ERROR	± 0.25 %
NON-REPEATABILITY	< 0.05 %
ZERO BALANCE	± 10 %
TEMPERATURE RANGE, COMPENSATED	-65 TO 200ø F
TEMPERATURE EFFECT, OUTPUT	0.005 % of Load / ø F
TEMPERATURE EFFECT, ZERO BALANCE	Not rated
INPUT IMPEDANCE	350 OHMS, typical
OUTPUT IMPEDANCE	350 OHMS, typical
EXCITATION VOLTAGE (typical)	10 VDC or VAC rms
EXCITATION VOLTAGE, MAXIMUM	15 VDC or VAC rms
INSULATION RESISTANCE	5,000 MEG OHMS @ 50 VDC
MAXIMUM LOAD, SAFE	125 % F.S.
MAXIMUM LOAD, ULTIMATE	200 % F.S.
DEFLECTION AT RATED CAPACITY, APPROXIMATE	0.002 in.
ENVIROMENTALLY SEALED WITH "O" RINGS AT EACH CONTACT POINT.	
CONSTRUCTION	TOOL STEEL ELEMENT, STAINLESS STEEL COVER



TURCK 4 PIN PICO
MALE RECEPTACLE
REAR

BROWN + EXC.	1	3	BLUE - SIG.
WHITE - SIG.	2	4	BLACK - EXC.

WIRE COLOR CODE:		PIN NO.
+EXCITATION	BROWN	1
+SIGNAL	WHITE	2
- SIG	BLUE	3
- EXCITATION	BLACK	4

RECOMMENDED MOUNTING SCREW IS A #6-32 X 3/4" LONG SOCKET HEAD CAP SCREW, (3) REQUIRED.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
.XXX = ± 0.005
.XX = ± 0.015
.X = ± 0.025

SCALE: FULL



Designed By: **Mettert**

Date: **5/15/02**

Title / Description:
**SS1406-30K BUTTON
LOAD CELL
SPECIFICATIONS**

Part No. **SS1406-30K**

File Name
13540SP.FCD

Approved By:

Date:

Dwg. Size: **A**
Dwg. Type: **SPEC**

Page 1 of 1

Doc. No. **13540**