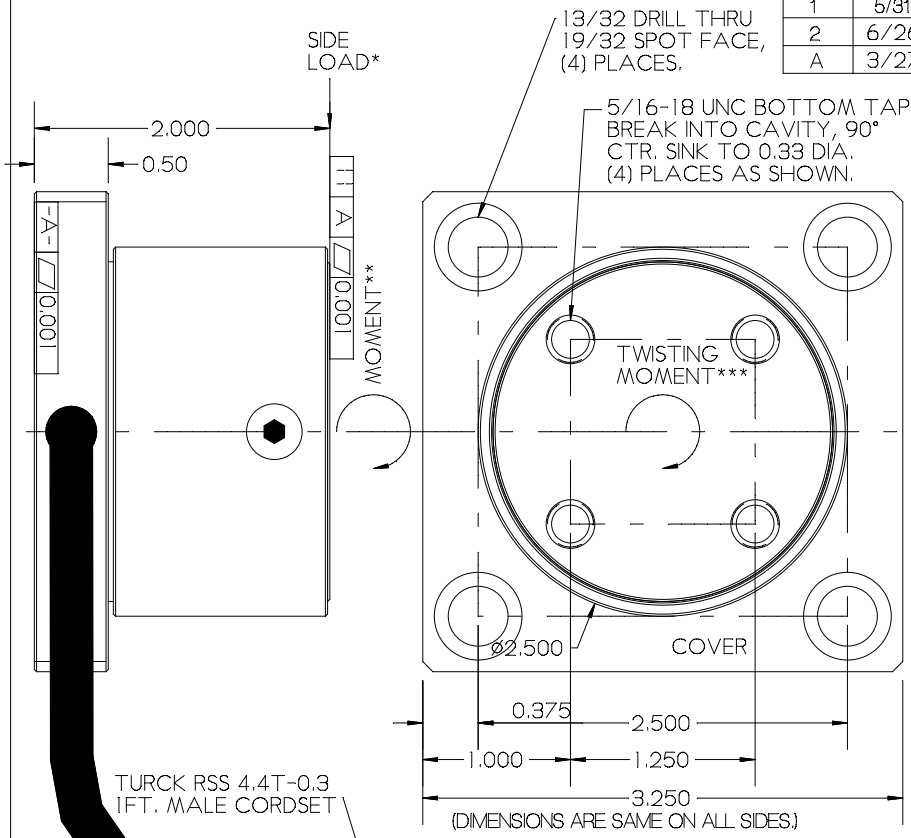
REV	DATE	DESCRIPTION	ECO	SIGN
1	5/31/01	RELEASE TO PILOT	1046	RAB
2	6/26/01	CABLE WAS METAL / HYTREL COMBO	1058	RAB
A	3/27/03	WAS 700 OHM BRIDGE	1214	RAB



SPECIFICATIONS:

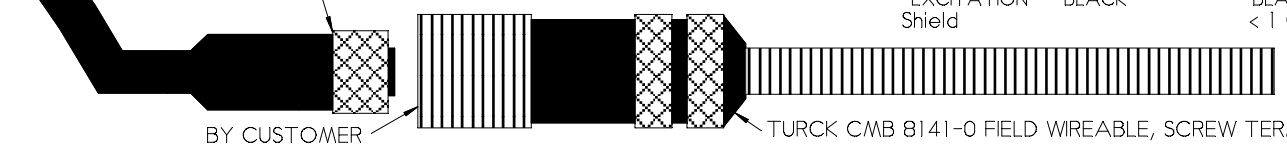
Rated Capacity, compression or tension	1,000 pounds
Rated Output, typical	1 mV/V
Combined error	0.25 % F.S.
Non-repeatability	0.05 % F.S.
Zero Balance	1 % R.O.
Temperature Range, Compensated	50° F to 120° F
Temperature Effect, Output	0.0008 % of load / ° F
Temperature Effects, Zero Balance	0.01 % / R.O. / ° F
Bridge Impedance, Typical	350 ohms
Excitation Voltage, Typical	10 VDC or VAC rms
Excitation Voltage, Maximum	15 VDC or VAC rms
Insulation Resistance	> 5,000 megohms at 50 VDC
Overload, Safe	600 % over capacity
Overload, Ultimate	1,000 % over capacity
Direct side load, Ultimate*	3,000 pounds
Maximum moment, Ultimate**	4,000 inch-pounds
Twisting moment, Ultimate***	4,000 inch-pounds
Deflection at Rated Capacity	0.0003 inch
Construction	Alloy Aluminum

* Direct side load was tested with no other loads present.

** Moment tested 400 pounds at a distance of 10 inches from top of cell, no other loads present.

*** Twisting moment tested to 4,000 IN-Lbs, no other loads present. Ultimate means that the load cell experiences permanent structural changes that will not stablize with each repeating load. Under no circumstances exceed the ultimate load rating.

WIRE CODE:	TURCK COLOR	T.T.I. COLOR	PIN NO.
+EXCITATION	BROWN	GREEN	1
+SIGNAL	WHITE	WHITE	2
-SIGNAL	BLUE	RED	3
-EXCITATION	BLACK	BLACK	4
Shield		< 1 OHM at cell	



TOLERANCES UNLESS OTHERWISE SPECIFIED: .XXX = ± 0.005 .XX = ± 0.015 .X = ± 0.025	SCALE: FULL	TOLEDO TRANSDUCERS, INC.	Designed By: Mettert	Date: 5/22/01	Title / Description: SS1352-1K POUND UNIVERSAL LOAD CELL	Part No. SS1352-1K
			Drawn By:	Date:		File Name 12317SP.FCD
			Approved By:	Date:	Dwg.Size: A / Dwg. Type: SPEC / Page 1 of 1	Doc. No. 12317