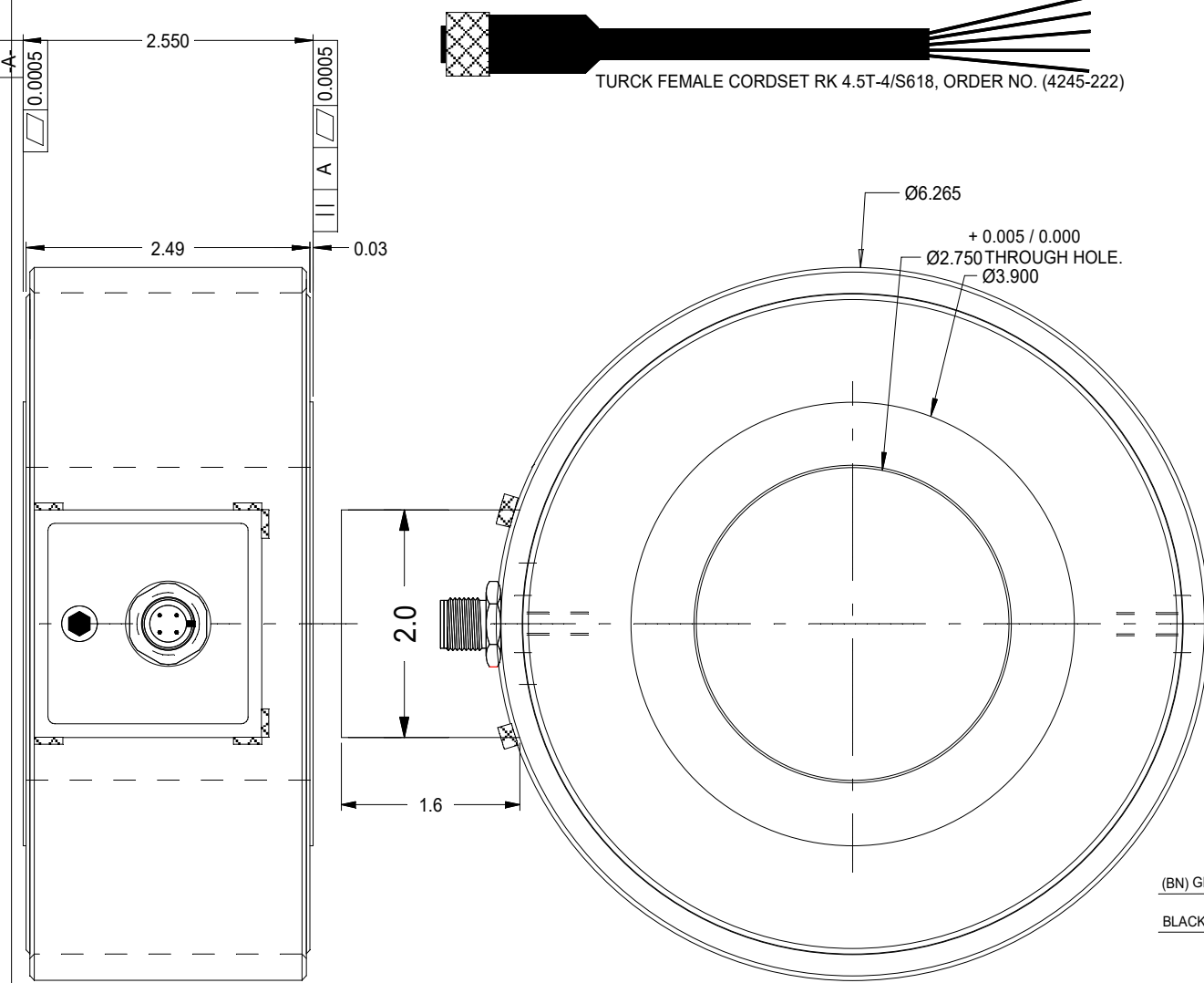


REV	DATE	DESCRIPTION	ECO	SIGN
1	7/6/21	PILOT		BKM



**SPECIFICATIONS:**

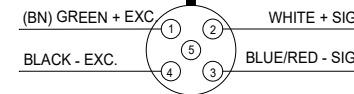
Rated Capacity, (COMPRESSION)	250,000 pounds
Rated Output, typical	2 mV/V
Combined error	0.25 % F.S.
Non-repeatability	0.05 % F.S.
Zero Balance	1 % R.O.
Temperature Range, Compensated	50 F to 120 F
Temperature Effect, Output	0.0008 % of load / ° F
Temperature Effects, Zero Balance	NOT RATED*
Bridge Impedance, Typical	700 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	150 % over capacity
Deflection at Rated Capacity, Approximate	0.004 inch
Construction	Alloy Steel

**Cable color code:**

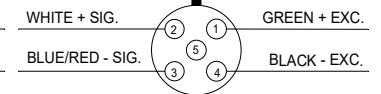
BROWN	+ Excitation
Black	- Excitation
White	+ Signal
BLUE	- Signal
Shield	Floats at cell
Cell Receptacle MALE MALE TURCK M12	
Cable Plug, TURCK FEMALE M12	

WIRE COLOR CODE:	T.T.I. STD.	PIN NO.
+EXCITATION	BROWN GREEN	1
+SIGNAL	WHITE WHITE	2
-SIG	BLUE RED	3
-EXCITATION	BLACK BLACK	4
OPEN		5

**(REAR RECEPTACLE SIDE)**



**(FRONT RECEPTACLE SIDE)**



**TOLERANCES UNLESS OTHERWISE SPECIFIED:**

XXX = ± 0.005	SCALE: FULL
XX = ± 0.015	
X = ± 0.025	

FINISH: 32 MICRO INCH OR LESS

MATL: A2 TOOL STEEL

HARDNESS: RC 40-46



TOLEDO  
TRANSDUCERS,  
INC.

Designed By: <b>Mettert</b>	Date: <b>7/6/21</b>	Title / Description: <b>SS1820-250K DOUGHNUT LOAD CELL SPECIFICATIONS</b>	Part No. <b>SS1820-250K</b>
Drawn By:	Date:		File Name <b>18401</b>
Approved By:	Date:	Dwg. Size: <b>B</b> Dwg. Type: <b>SPEC</b>	Doc. No. <b>18401</b>