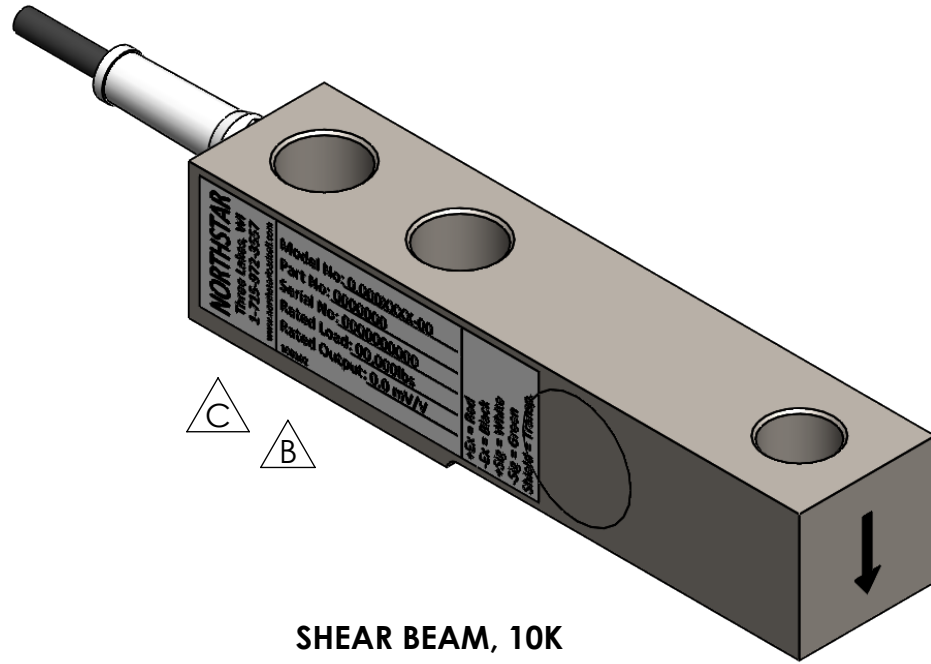


NOTES:

- THIS DOCUMENT IS FOR REFERENCE ONLY  
DIMENSIONS ARE SUBJECT TO CHANGE.



**SHEAR BEAM, 10K**

Specification	Units	Value
Model		SHEAR BEAM, 10KLBS
Part Number		100104
Cable Length	feet (meters)	20 (6.1)
Rated Load	lbs (kgs)	10,000 (4,536)
Rated Output	mV/V	3.0 ± 0.1%
Zero Balance	%FS	<= ± 1.0
Input Resistance	Ohms	387 ± 50
Output Resistance	Ohms	350 ± 3
Excitation	Volts	5 to 15
Nonlinearity	%FS	<= ± 0.02
Hysteresis	%FS	<= ± 0.02
Temperature Effect on Sensitivity	%FS/10°F (%FS/10°C)	<= ± 0.036 (<= ± 0.02)
Temperature Effect on Zero Balance	%FS/10°F (%FS/10°C)	<= ± 0.036 (<= ± 0.02)
Compensated Temperature Range	°F (°C)	+14 TO +122 (-10 TO +50)
Operational Temperature Range	°F (°C)	+14 TO 158 (-10 to +70)
Insulation Resistance	Megohm	≥ 5000
Excitation (+)		RED
Excitation (-)		BLACK
Signal (+)		GREEN
Signal (-)		WHITE
Shield		CLEAR

REV.	DESCRIPTION	PROJECT	DATE	DRAWN
C	ADDED LABEL TO MODEL	NSPJ000005	4/23/2019	DJF
B	REPLACED CAD MODEL	NSPJ000005	4/10/2019	DJF
A	RELEASED	NSPJ000005	3/15/2019	DJF

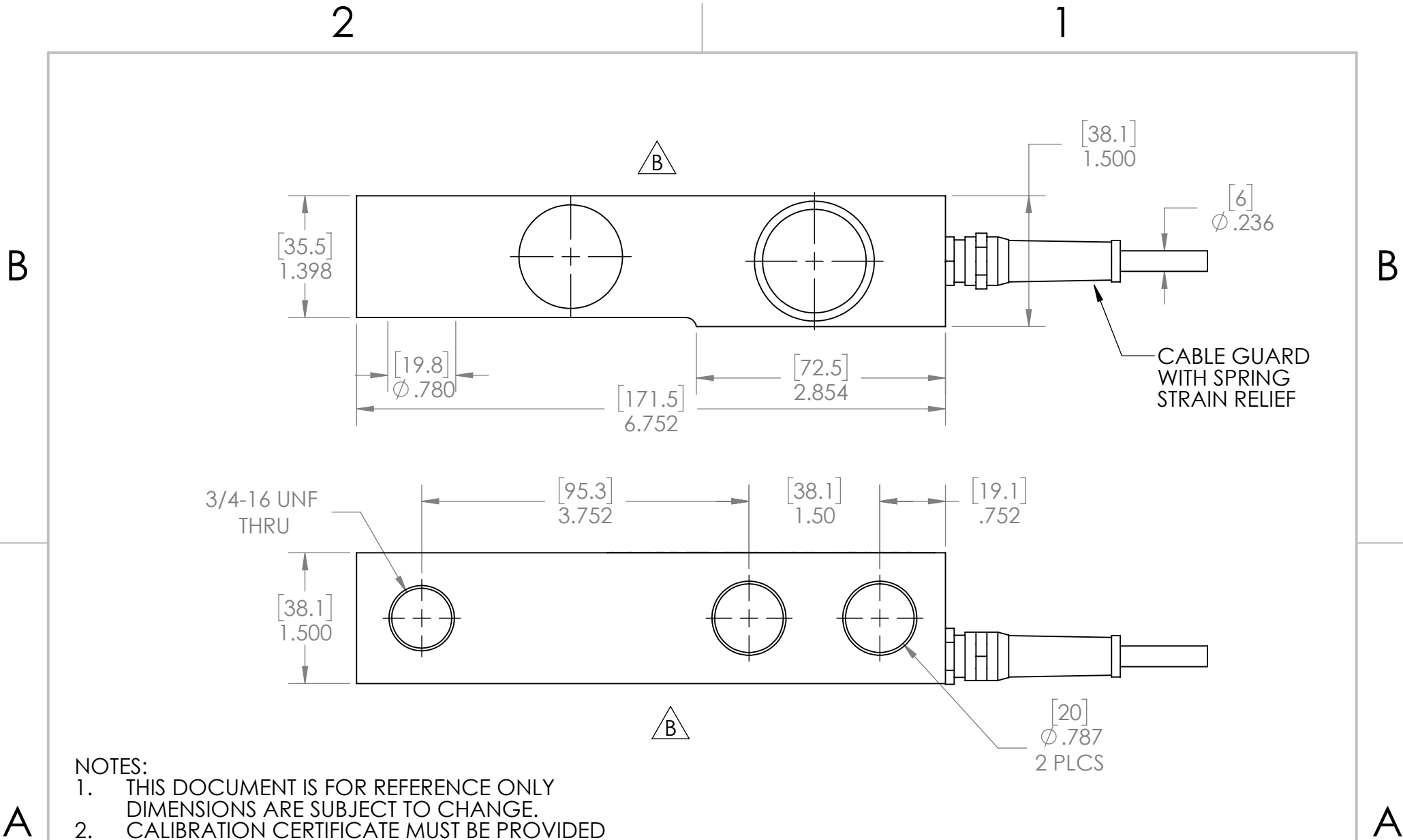
REVISIONS



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
FRACTIONAL ± 1/64  
ANGULAR ± 1 DEG  
TWO PLACE DECIMAL ± .01  
THREE PLACE DECIMAL ± .005

	NAME	DATE
DRAWN	DJF	3/15/2019
CHECKED		
MATERIAL	STAINLESS STEEL	
FINISH	NONE	
DO NOT SCALE DRAWING		

TITLE: CELL - 10K SHEAR BEAM 3.0mV/V @ 10,000LBS 1.5" T X 1.5" W X 6.75" L		
SIZE	DWG. NO.	REV
<b>A</b>	100104	<b>C</b>
SCALE: 1:1.5 WEIGHT:		SHEET 1 OF 2



NOTES:

1. THIS DOCUMENT IS FOR REFERENCE ONLY  
DIMENSIONS ARE SUBJECT TO CHANGE.
2. CALIBRATION CERTIFICATE MUST BE PROVIDED  
FOR EACH LOAD CELL.
3. LOAD CELL LABEL NOT REQUIRED.

REV.	DESCRIPTION	PROJECT	DATE	DRAWN
C	SEE SHEET 1	NSPJ000005	4/23/2019	DJF
B	REPLACED CAD MODEL	NSPJ000005	4/10/2019	DJF
A	RELEASED	NSPJ000005	3/15/2019	DJF
REVISIONS				



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
FRACTIONAL ± 1/64  
ANGULAR ± 1 DEG  
TWO PLACE DECIMAL ± .01  
THREE PLACE DECIMAL ± .005

	NAME	DATE
DRAWN	DJF	3/15/2019
CHECKED		
MATERIAL	STAINLESS STEEL	
FINISH	NONE	
DO NOT SCALE DRAWING		

TITLE:		REV	
CELL - 10K SHEAR BEAM 3.0mV/V @ 10,000LBS 1.5" T X 1.5" W X 6.75" L		C	
SIZE	DWG. NO.		
A	100104		
SCALE: 1:1.5		SHEET 2 OF 2	
WEIGHT:			