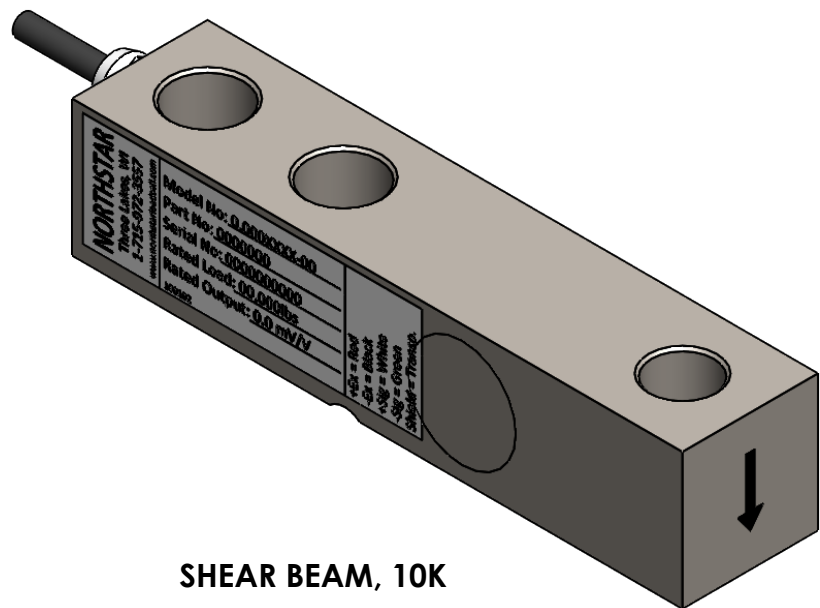


NOTES:

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



**SHEAR BEAM, 10K**

Specification	Units	Value
Model		SHEAR BEAM, 10KLBS
Part Number		100128
Cable Length	feet (meters)	20 (6.1)
Rated Load	lbs (kgs)	10,000 (4,536)
Rated Output	mV/V	3.0 ± 0.1%
Max. Safe Overload	%FS	150
Ultimate Safe Overload	%FS	180
Zero Balance	%FS	<= ± 1.0
Input Resistance	Ohms	400 ± 20
Output Resistance	Ohms	352 ± 3
Excitation	Volts	10 to 12
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 +104 (-10 TO +40)
Operational Temperature Range	°F (°C)	-22 TO 158 (-30 to +70)
Insulation Resistance	Megohm	≥ 5000
Environmental Protection		IP68
Excitation (+)		RED
Excitation (-)		BLACK
Signal (+)		GREEN
Signal (-)		WHITE
Shield		CLEAR

B

B

A

A

REV.	DESCRIPTION	PROJECT	DATE	DRAWN
B	SEE SHEET 2	NSPJ000005	8/16/2019	DJF
A	RELEASED	NSPJ000005	6/15/2019	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	6/15/2019
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>	100128	<b>B</b>
SCALE: 1:1.5		WEIGHT:
		SHEET 1 OF 2

2

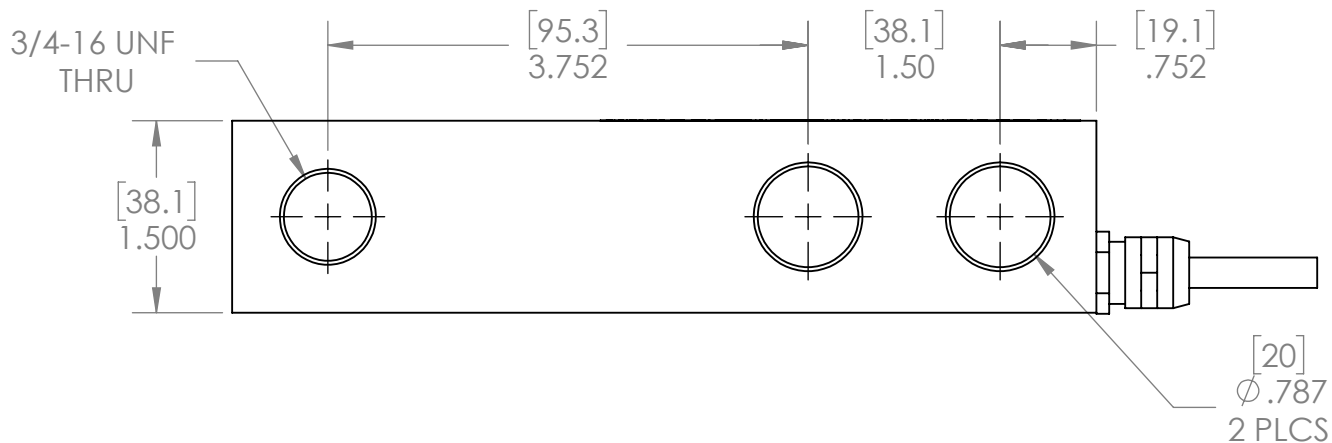
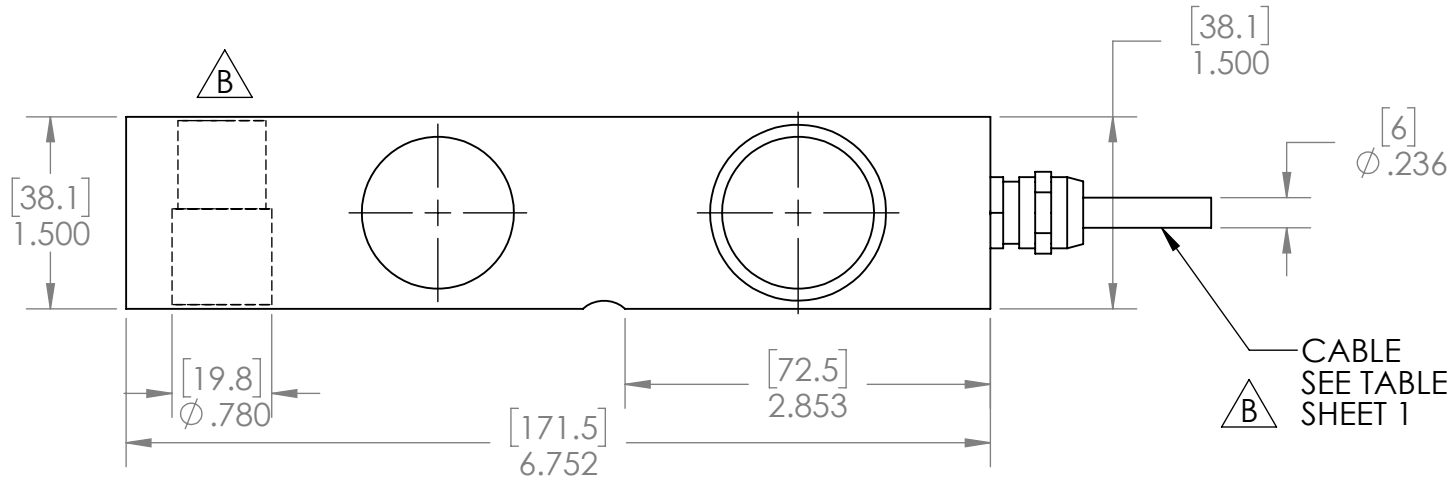
1

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DIMENSIONS ARE SUBJECT TO CHANGE.

B

B



A

A



	NAME	DATE
DRAWN	DJF	6/15/2019
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	
A	100128	B	
SCALE: 1:1.5		WEIGHT:	SHEET 2 OF 2

REV.	DESCRIPTION	PROJECT	DATE	DRAWN
B	CORRECTED NOTE; ADDED HIDDEN LINES	NSPJ000005	8/16/2019	DJF
A	RELEASED	NSPJ000005	6/15/2019	DJF
REVISIONS				

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

2

1