LOAD CELL CHARACTERISTICS

#	CAPACITY		US CAPACITIES	SI CAPACITIES
		AXIAL	25K (lbf)	100 (kN)
		MOMENT	10K (lb-in)	40 (kN-M)
1	FLEXURE & BASE THREAD, DEPTH & COUNTERBORE		1.25-12 UNF-3B ⍌1.40 ⌴ ⌀1.27 ⍌0.12	M33 X 2-4H ⍌35.6 ⌴ ⌀33.5 ⍌3.0

81363

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/04/2018	CS
B	ADDED 100KN CAPACITY & NOTE 2	7/17/2019	CARLOS S.

3X IDENTIFICATION LABEL INCLUDING: MODEL, CAPACITY, SERIAL NUMBER & OUTPUT

VIEW B-B

4X ⌀ .31 [7.9] ⍌ .31 [7.9]

.30 [7.6]

R3.66 MIN [93.0]

⌀2.41 [61.2]

⌀2.25 [57.2]

C

⌀6.06 [153.9]

3X BRIDGE LABEL

VIEW A-A

FLEXURE **BASE**

1.63 [41.3]

1.75 [44.5]

1.75 [44.5]

.03 [0.8]

CONNECTOR: PC04E-10-6P

PIN A
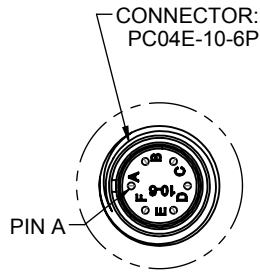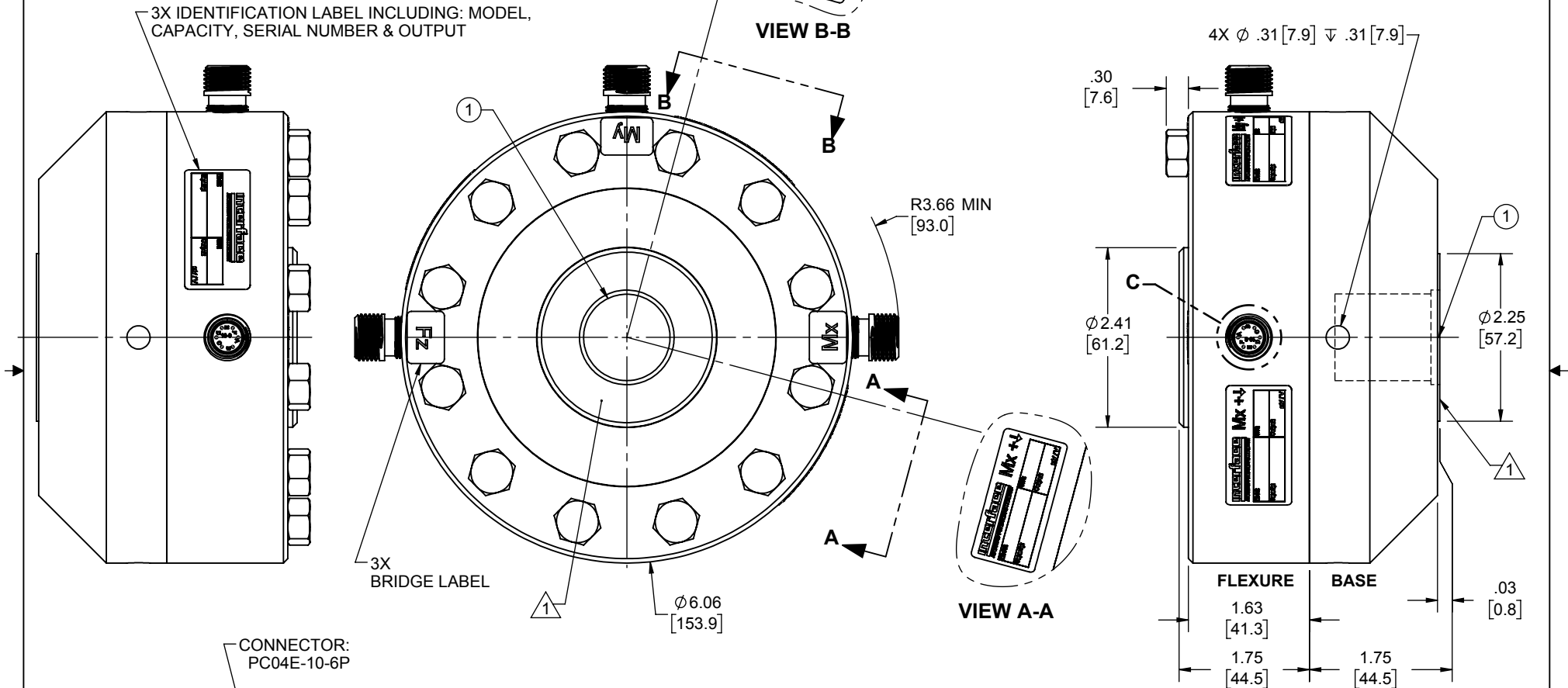
DETAIL C
SCALE 1 : 1

CONNECTOR PINOUT	
PIN	FUNCTION
A	+ EXCITATION
B	+ SIGNAL
C	- SIGNAL
D	- EXCITATION
E	N/C
F	N/C

Fz BRIDGE: TENSION UPSCALE

Mx BRIDGE: +X MOMENT UPSCALE

My BRIDGE +Y MOMENT UPSCALE

2. PAINT INTERFACE BLUE.

1. DO NOT PAINT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]
TOLERANCES ARE:
ANGLES ± 0° 30'
.XX ± .01 [0.25]
.XXX ± .005 [0.13]

INTERFACE
FORCE MEASUREMENT SOLUTIONS.
7418 E. HELM DRIVE
SCOTTSDALE, AZ 85260 USA

CREATOR	DATE
DESIGNED: ME	05/05/14
DETAILED: ME	05/05/14
WEIGHT: (APPROX) 21.77 (lbs)	

TITLE:
OUTLINE MODEL:
5220-25K & -100KN

SIZE: A

DWG. NO: 81363

REV: B

SCALE: 1:2 SHEET 1 OF 1

CAD FILE <_Document Vault:\~\81363.SLD***>