80489

LOAD CELL CHARACTERISTICS
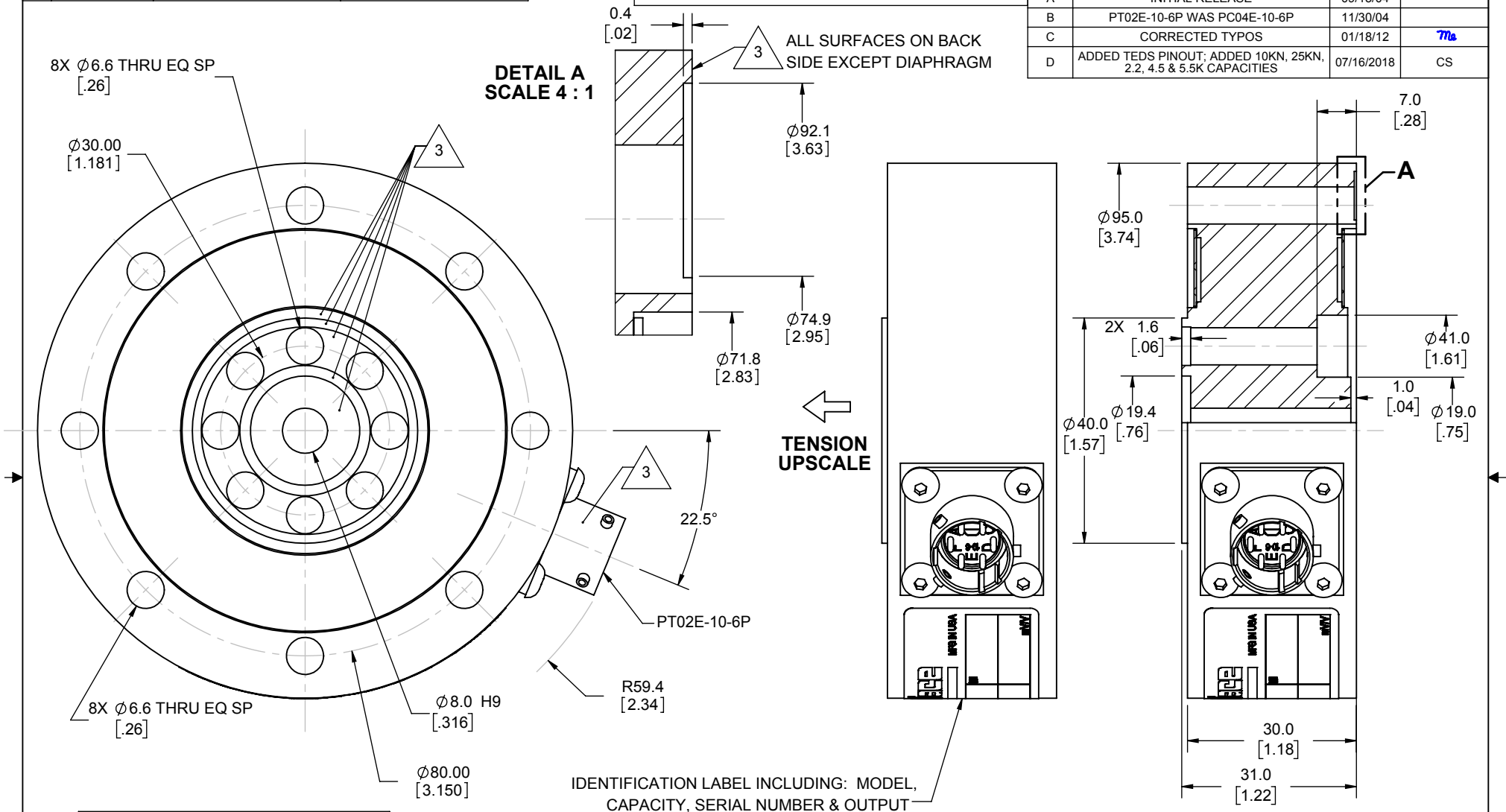
#	CAPACITY	US CAPACITIES 2.2K, 4.5K, 5.5K (lbf)	SI CAPACITIES 10, 20, 25 (kN)

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/15/04	
B	PT02E-10-6P WAS PC04E-10-6P	11/30/04	
C	CORRECTED TYPOS	01/18/12	Ma
D	ADDED TEDS PINOUT; ADDED 10KN, 25KN, 2.2, 4.5 & 5.5K CAPACITIES	07/16/2018	CS

8X ⌀6.6 THRU EQ SP
[.26]

⌀30.00
[1.181]

0.4
[.02]

DETAIL A
SCALE 4 : 1

△3 ALL SURFACES ON BACK SIDE EXCEPT DIAPHRAGM

⌀92.1
[3.63]

⌀74.9
[2.95]

⌀71.8
[2.83]

7.0
[.28]

A

⌀95.0
[3.74]

2X 1.6
[.06]

⌀41.0
[1.61]

1.0
[.04]

⌀19.0
[.75]

⌀40.0
[1.57]

⌀19.4
[.76]

TENSION UPSCALE

△3

22.5°

PT02E-10-6P

R59.4
[2.34]

⌀8.0 H9
[.316]

8X ⌀6.6 THRU EQ SP
[.26]

⌀80.00
[3.150]

30.0
[1.18]

31.0
[1.22]

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

CONNECTOR PINOUT

PIN	WITHOUT TEDS	WITH TEDS
	FUNCTION	
A	+ EXCITATION	+ EXCITATION
B	+ SIGNAL	+ SIGNAL
C	- SIGNAL	- SIGNAL
D	- EXCITATION	- EXCITATION
E	- SENSE	TEDS DATA
F	+ SENSE	TEDS GND
	TENSION UPSCALE	

△3 DO NOT PAINT

2. DIMENSIONAL TOLERANCE: ± 0.3 (± 0.01).

1. DIMENSIONS IN mm (INCHES).

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
7401 E. BUTHERUS DR. SCOTTSDALE, AZ 85260 USA

TITLE:
OUTLINE MODEL: 1720 OPT-ACK

CREATOR	DATE
DESIGNED: LARRY B.	05/11/2004
DETAILED: J.E.P.	5/11/2004

| SIZE:
A | DWG. NO:
80489 | REV:
D |

WEIGHT: (APPROX)
3.0 (lbs)

SCALE: 1:1   SHEET 1 OF 1

CAD FILE <_Document Vault:\~\80489.SLD***>