

**LOAD CELL CHARACTERISTICS**

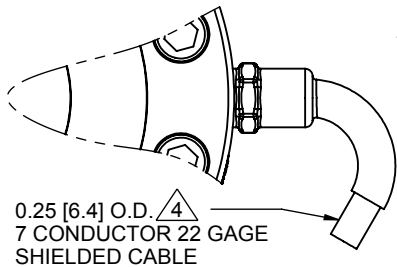
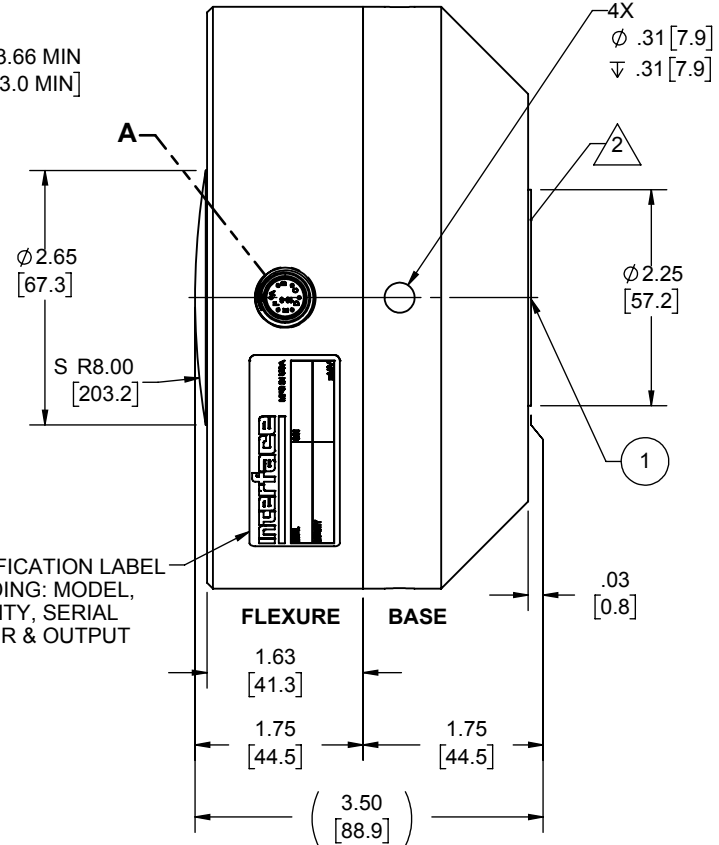
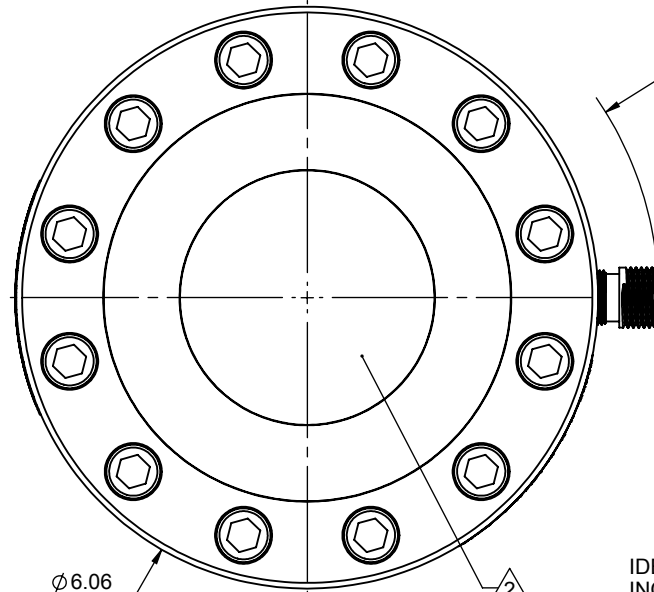
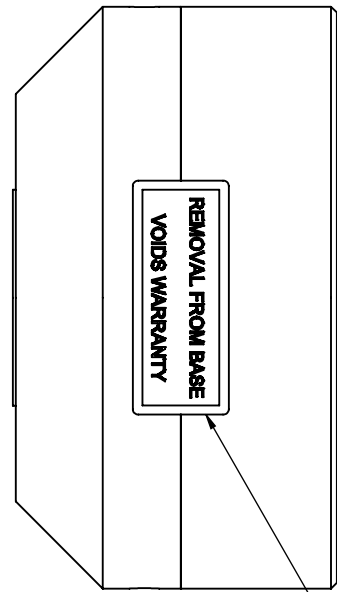
#	CAPACITY	US CAPACITIES 50K (lbf)	SI CAPACITIES 250 (kN)
1	BASE THREAD, DEPTH & COUNTERBORE	1.250-12 UNF-3B $\nabla$ 1.40 $\sqcup$ $\phi$ 1.27 $\nabla$ .12	M33 X 2-4H $\nabla$ 35.6 $\sqcup$ $\phi$ 33.5 $\nabla$ 3.0

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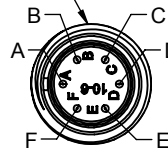
**80006**

**REVISIONS**

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/12/06	
B	REDRAWN, UPDATED TO CURRENT STD'S	07/24/2018	AL



CONNECTOR:  
PC04E-10-6P



**DETAIL A  
SCALE 1 : 1**

RED WARNING LABEL

R4.78 MIN  
[121.3 MIN]

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

FLEXURE

BASE

1.63  
[41.3]

1.75  
[44.5]

( 3.50 )  
[88.9]

1.75  
[44.5]

.03  
[0.8]

5. CONNECTOR POSITION FOR MULTIPLE BRIDGE LOAD CELLS ARE ORIENTED IN 90° CCW INCREMENTS.

4 STANDARD CABLE LENGTH IS 10 FT [3M]. NON STANDARD CABLE LENGTH PER OPTION CODE.

3. ALL MODELS HAVE A BASE INSTALLED.

2 NO PAINT.

1. PAINT INTERFACE BLUE.

CONNECTOR PINOUT		INTEGRAL CABLE MODELS	
PIN	4 WIRE (C1)	COLOR	FUNCTION
A	+ EXCITATION	RED	+ EXCITATION
B	+ OUTPUT	GREEN	+ OUTPUT
C	- OUTPUT	WHITE	- OUTPUT
D	- EXCITATION	BLACK	- EXCITATION
E	N/C	WHITE / RED	+ SENSE
F	N/C	WHITE / BLACK	- SENSE
		WHITE / YELLOW	SHUNT CAL
		SHIELD	N/C

COMPRESSION DOWNSCALE

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

CREATOR: DATE:  
DESIGNED:  
DETAILED: BKS 03/24/95  
WEIGHT: (APPROX) 21.73 (lbs)

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

TITLE:  
**OUTLINE MODEL: 1121**

SIZE: DWG. NO: **80006** REV: **B**  
SCALE: 1:2 SHEET 1 OF 1