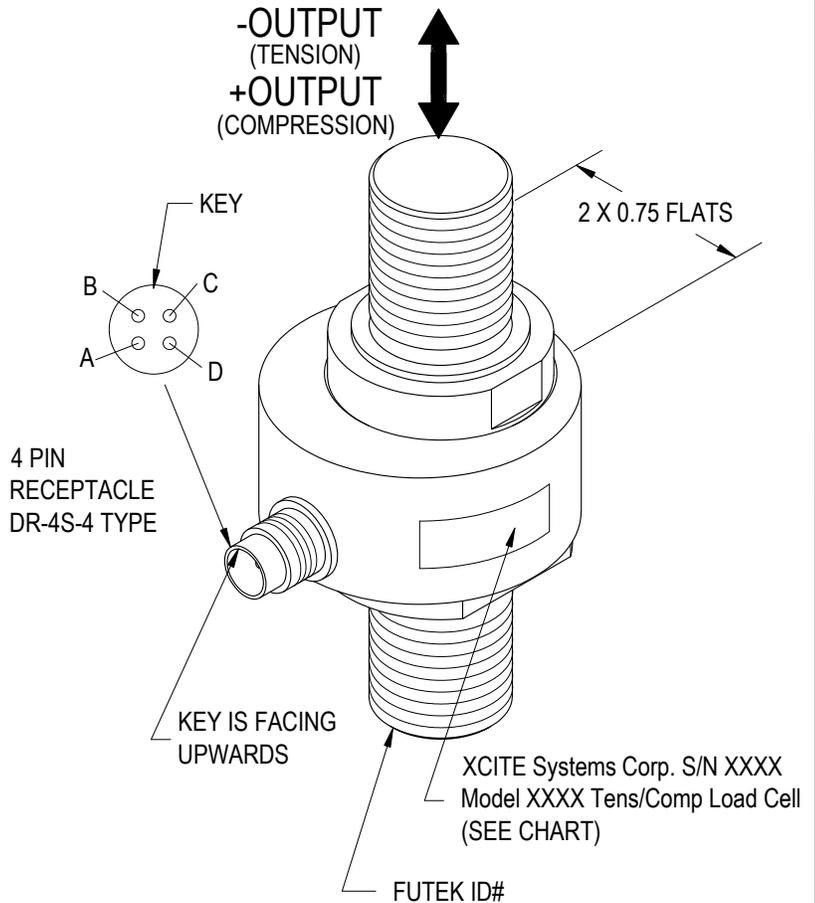
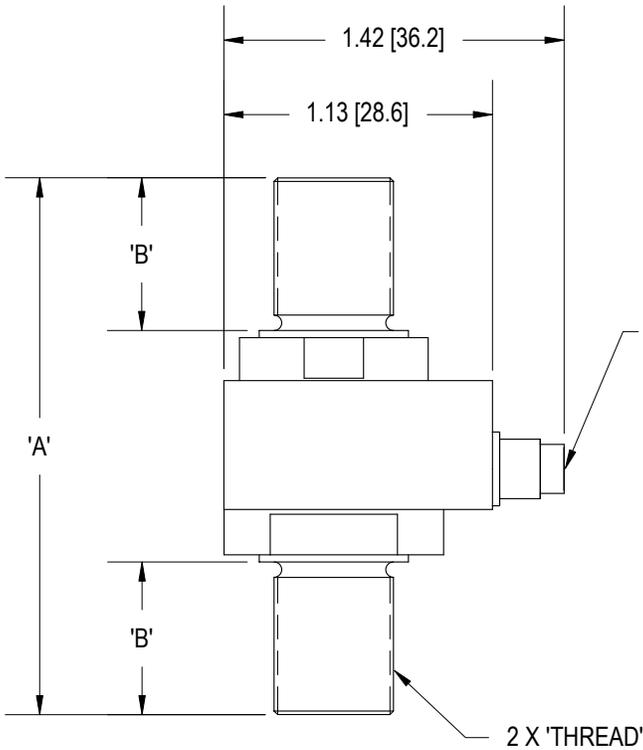


FUTEK MODEL QLA186

XCITE LOAD CELL

(Previously Q07324)

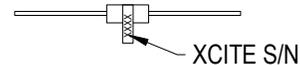
INCH (mm)		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED PIN 'A'	BLACK PIN 'B'	GREEN/YELLOW PIN 'C'	WHITE PIN 'D'



SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	10 recommended, 15 max
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±1% of R.O.
HYSTERESIS	±1% of R.O.
NONREPEATABILITY	±0.2% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F [0.02% of R.O./°C]
TEMP. SHIFT SPAN	±0.02% of LOAD/°F [0.04% of LOAD/°C]
OPERATING TEMP.	50 to 150°F [10 to 66°C]
NATURAL FREQUENCY	20 kHz
WEIGHT	0.3 lb [136 g]
MATERIAL	17-4 S.S.
CALIBRATION	5 pt. COMPRESSION
SHUNT CAL: 301K Ohm, 1/4 Watt, 0.1%, 25ppm Metal Film Resistor	

REFER TO P.O. FOR PROPER XCITE S/N
301K OHM SHUNT WILL SIMULATE APPROX. 750 lb



SHUNT CAL BOX

S/N XXXX
XXX KOhms RCAL
.XXXX mV/V (-Excitation & -Signal)
Equivalent to XXX lb

XCITE MODEL#	FUTEK STOCK#	CAPACITIES			THREAD	FREQUENCY RESPONSE @ 1000 lb PRELOAD
		lb	N	A		
2522	QSH00338	2500	11120	1.75 [44.5]	3/8-24	150 Hz
5022	QSH00339	5000	22240	2.25 [57.2]	1/2-20	200 Hz

OLD REF DWG# F1239-B, F1740-B

MATERIAL: —	<h2>OUTLINE DRAWING</h2>	<p><i>This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:</i></p> <p>FUTEK ADVANCED SENSOR TECHNOLOGY, INC. 10 THOMAS IRVINE, CA 92618 USA Phone: (949) 465-0900 Fax: (949) 465-0905</p>	
HEAT TREATMENT - FINISH: —			
REVISIONS: (Refer to dwg # revision sheet) ▲ XXX	<p>STANDARD NOTES: (Unless Otherwise Specified)</p> <ul style="list-style-type: none"> • ALL DIMENSIONS ARE IN INCHES • DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M • REMOVE BURRS AND BREAK SHARP EDGES .005 - .015 • THREADS PER HANDBOOK H-28 • DIMENSIONS ARE SHOWN AFTER PLATING <p>ANGLE: ±1/2° CHAMFER: ±5° TOLERANCE: .XX ±.01 .XXX ±.005</p> <p>3rd ANGLE PROJ.</p>	<p>CAGE: 1X8M6</p> <p>MODEL: QLA186</p> <p>DRAWN BY: H. AU</p> <p>APPROVED BY: R. WALKER</p>	
			<p>DWG No.: FO1103</p> <p>CHECKED BY: XXXXXX</p> <p>DATE: AUG 15, 2005</p>