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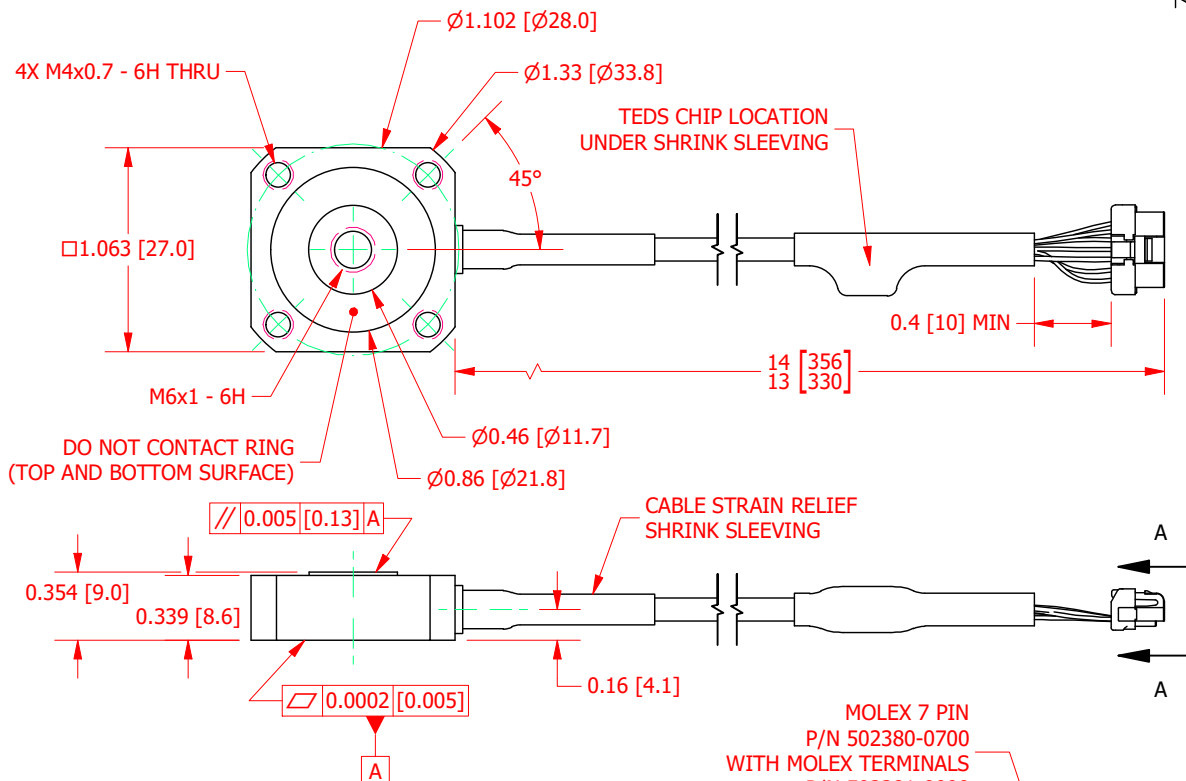
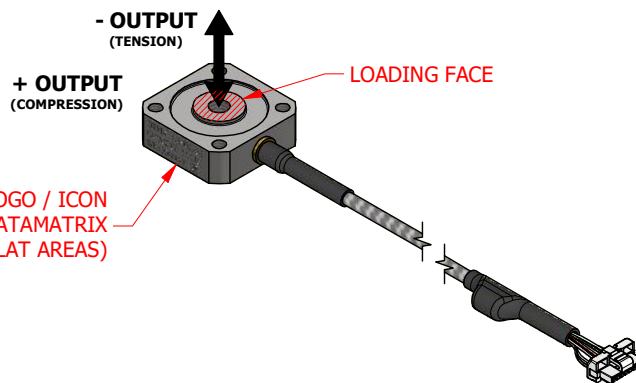
FUTEK MODEL QLA428

ITEM NUMBER: QSH02233

Custom Square Flange Mount Load Cell
with TEDS IEEE1451.4 and 7 Pin
Clik-Mate Molex Connector

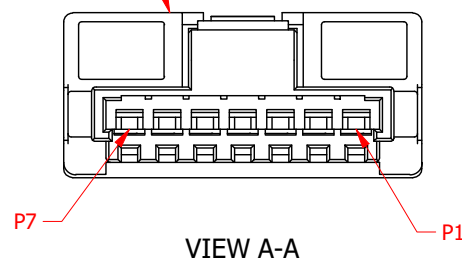
INCH [mm] R.O.= Rated Output			
WIRING CODE			
+ EXCITATION	- EXCITATION	+ SIGNAL	- SIGNAL
RED PIN 4	BLACK PIN 3	GREEN PIN 1	WHITE PIN 2
TEDS DATA	TEDS GND	SHIELD	
PIN 6	PIN 7	SENSOR FLOATING PIN 5	

FUTEK LASER MARKED LOGO / ICON
ITEM #, CAPACITY, S/N DATAMATRIX
(AROUND FLAT AREAS)



SPECIFICATIONS:

RATED OUTPUT	1.5 mV/V nom.
CAPACITY	500 lb. [2220N]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	12 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (±0.018 of LOAD/°C)
COMPENSATED TEMP.	41 to 176 °F (5 to 80 °C)
OPERATING TEMP	-40 to 200 °F (-40 to 93 °C)
WEIGHT (approx)	1.35 oz [38 g]
MATERIAL	17-4 PH S.S.
CABLE: #28 Awg 4 Conductor Braided Shielded PVC Cable	
ROHS COMPLIANCE	EU 2015/863



CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

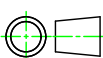
REVISIONS: (Refer to dwg # revision sheet)

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
THREADS PER HANDBOOK H-28
DIMENSIONS ARE SHOWN AFTER PLATING

3rd ANGLE PROJ.



ANGLE:
± 1/2°

CHAMFER:
± 5°

TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"

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MODEL: **QLA428**

DRAWN BY: S. MICHEL

APPROVED BY: R. WALKER

CHECKED BY:

DWG No.: **FO1570-0**

CREATED DATE: 10/15/2021

APPROVED DATE: 10/15/2021

CAGE: 1X8M6 SHEET: 1 OF 1