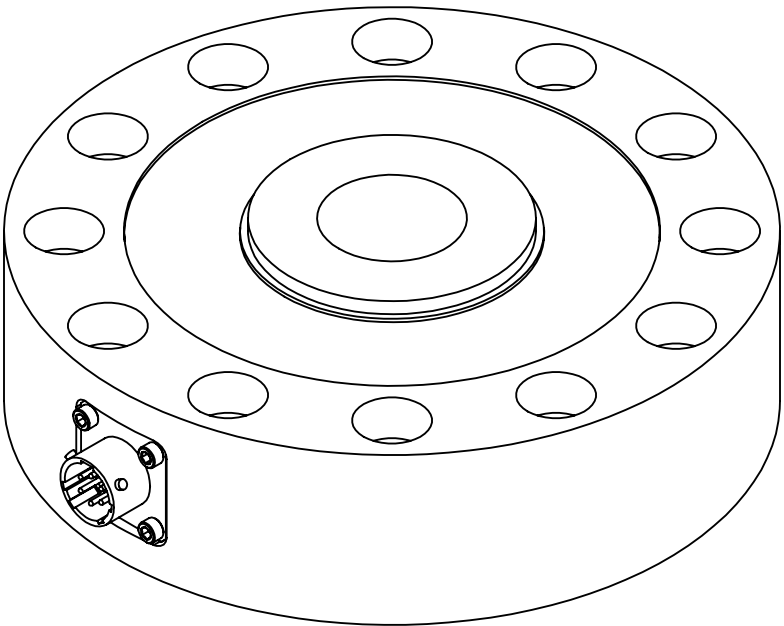
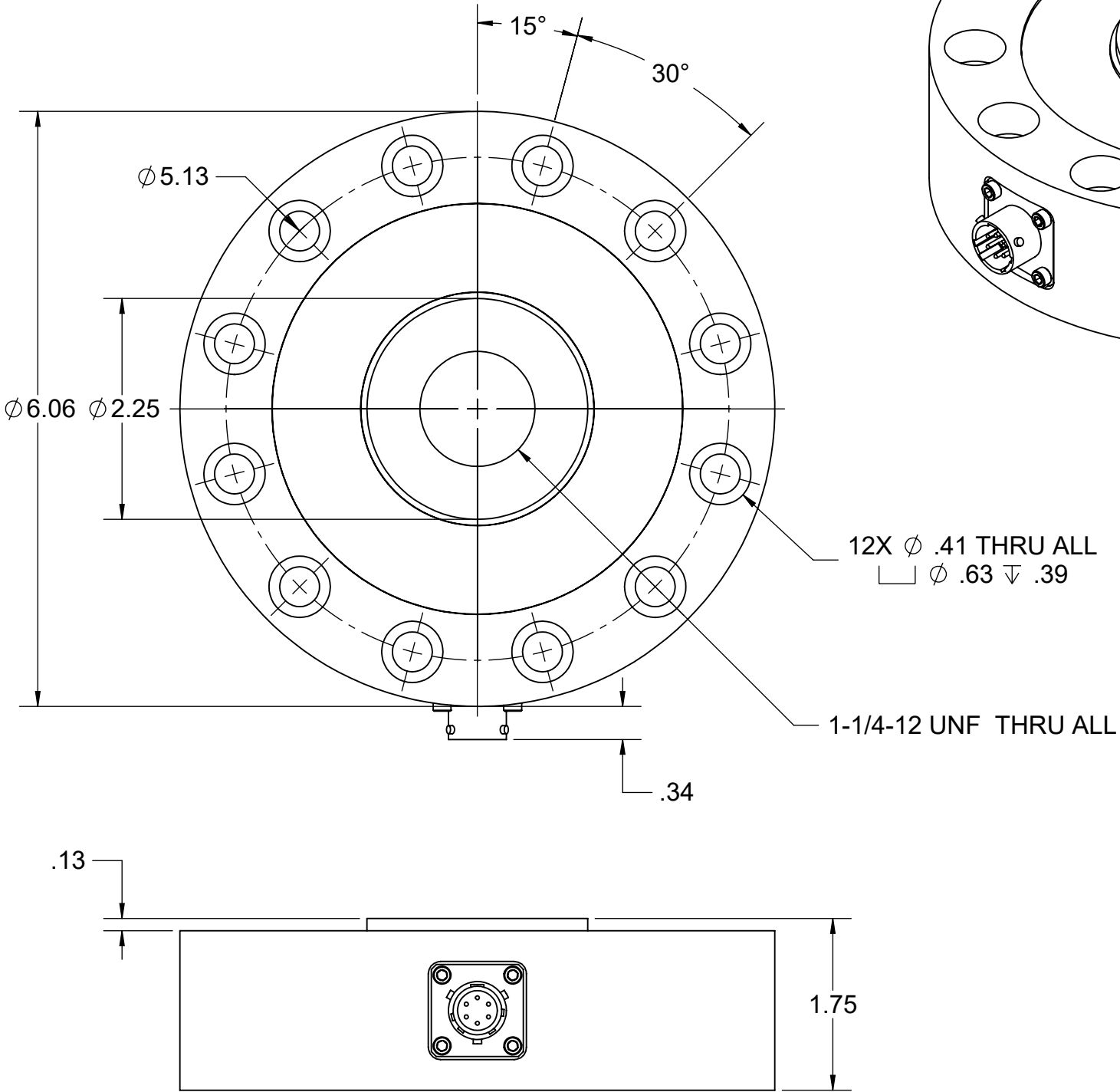


PRODUCT SPECIFICATIONS

Sensor Type	Low Profile Pancake Load Cell
Sensor Part Number	3501FLP-50K
Full Scale Capacity (FS)	50,000 lbf
Full Scale Output	2.0 mV/V Nominal
Combined Error	≤ 0.250 % of FS
Zero Balance	≤ 1.000 % of FS
Input/Output Resistance	350 to 1,000 Ω Nominal
Excitation Voltage	2 to 24 V Max
Insulation Resistance	> 5 GΩ
Electrical Connection	PT02A-10-6P Box Mounting Receptacle
Sensor Material	17-4 Stainless Steel
Safe Overload	150% of FS
Ultimate Overload	300% of FS
Calibration	NIST Traceable per ASTM E4, Certificate Provided



CUSTOM GEOMETRIES, CAPACITIES & CONNECTORS AVAILABLE UPON REQUEST

CONTACT FACTORY FOR ANALOG OR DIGITAL SIGNAL CONDITIONING OPTIONS

CONFIRM CRITICAL DIMENSIONS WITH FACTORY PRIOR TO PLACING AN ORDER

UNLESS OTHERWISE STATED:
THIRD ANGLE PROJECTION
TOLERANCES:
ANGULAR ± 0.5 DEG
0.X ± 0.1 INCHES
0.XX ± 0.03 INCHES
0.XXX ± 0.005 INCHES

LOW PROFILE
LOAD CELL, 50,000 LBF,
PRODUCT DRAWING

SENSING SYSTEMS CORPORATION
7 COMMERCE WAY, DARTMOUTH, MA 02747 USA

3501FLP-50K

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SHEET 1 OF 1

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