



Specializing in Piezo Stages and Nanopositioning Solutions

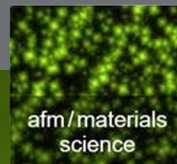
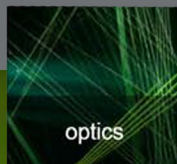
**Compact, Flexure-Guided
Actuator Made of Super Invar**



NPZ70-207
Z Axis Closed Loop 70µm

Part Number	3715207
Footprint	85mm H x 20mm Ø
Diameter	Super Invar
Material	Super Invar
Maximum Load	1 kg
Max Force (Push/Pull)	100N/20N
Stage Mass	180g
Nanomotion Control	Z
Closed-loop Travel	70µm
Open-loop Travel (-30 to 150 V)	100µm
Position Noise	0.5nm
Stiffness	11.0N/µm
Resonant Frequency	2000Hz
Settling Time	5ms
Linearity Deviation	0.01%
Capacitance	4.8µF
Integrated Sensor	Capacitive
Cable Length	2m
Controller	LC.400

Nanopositioning Applications

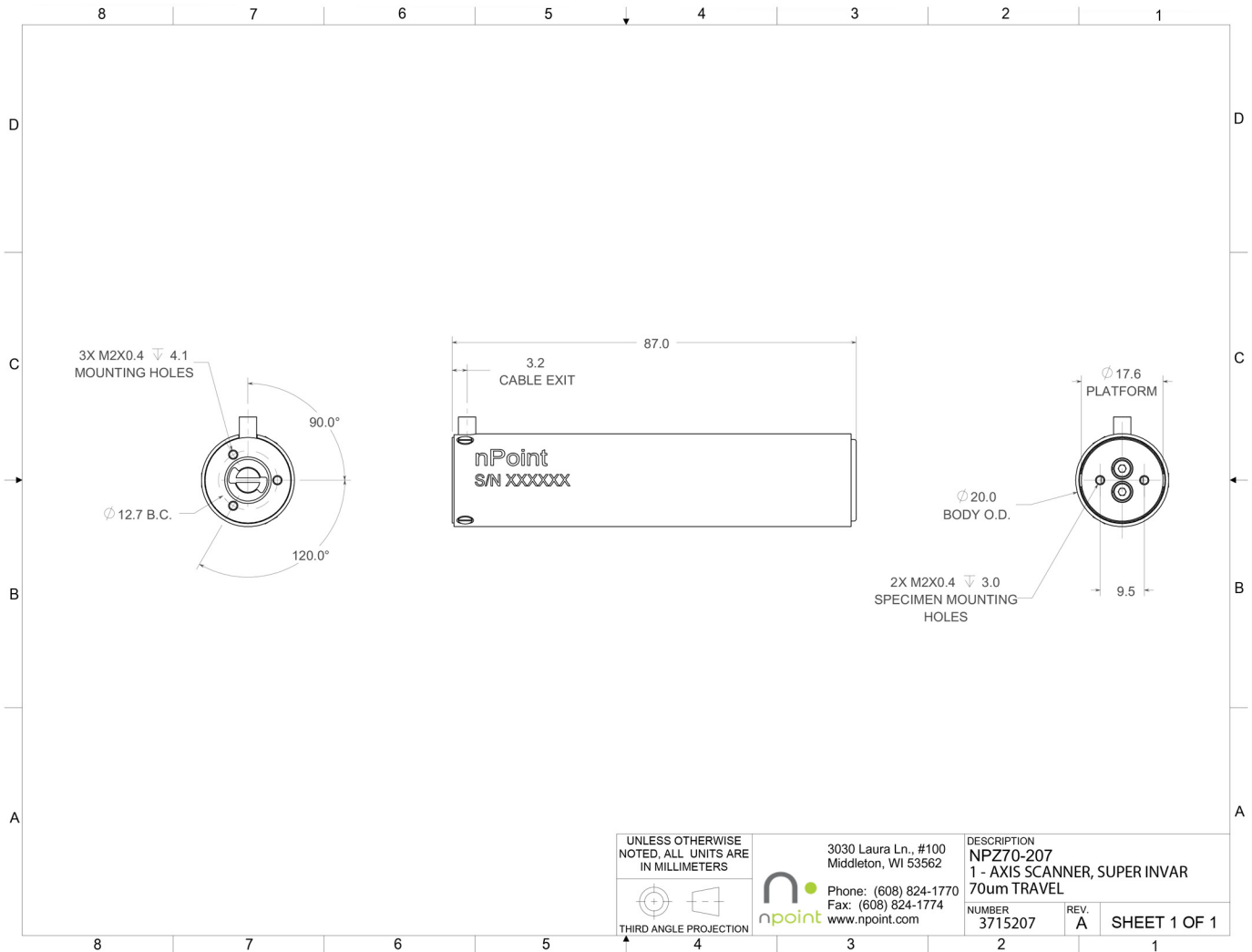




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INSTALLATION DRAWING

NPZ70-207



Nanopositioning Applications

