



Specializing in Piezo Stages and Nanopositioning Solutions

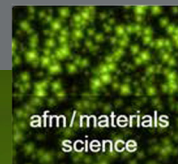
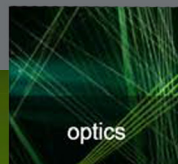
**XY Nanopositioning Piezo Stage
with High Resonant Frequency
and Compact Design**



NPXY50-286
XY Axis Closed Loop 50µm

Part Number	3715286
Footprint	60mm W X 60mm D X 25mm H
Diameter	NA
Aperture	20 mm diameter
Material	Stainless Steel
Maximum Load	1kg
Max Force (Push/Pull)	100N/20N
Stage Mass	380g
Nanomotion Control	XY
Closed-loop Travel	50µm 50µm
Open-loop Travel (-30 to 150 V)	70µm 70µm
Position Noise	0.2nm 0.2nm
Stiffness	8.0N/µm 8.0N/µm
Resonant Frequency	1400Hz 1400Hz
Settling Time	4ms 4ms
Linearity Deviation	0.01% 0.01%
Capacitance	2.8µF 2.8µF
Integrated Sensor	Capacitive
Cable Length	2m
Controller	LC.402

Nanopositioning Applications

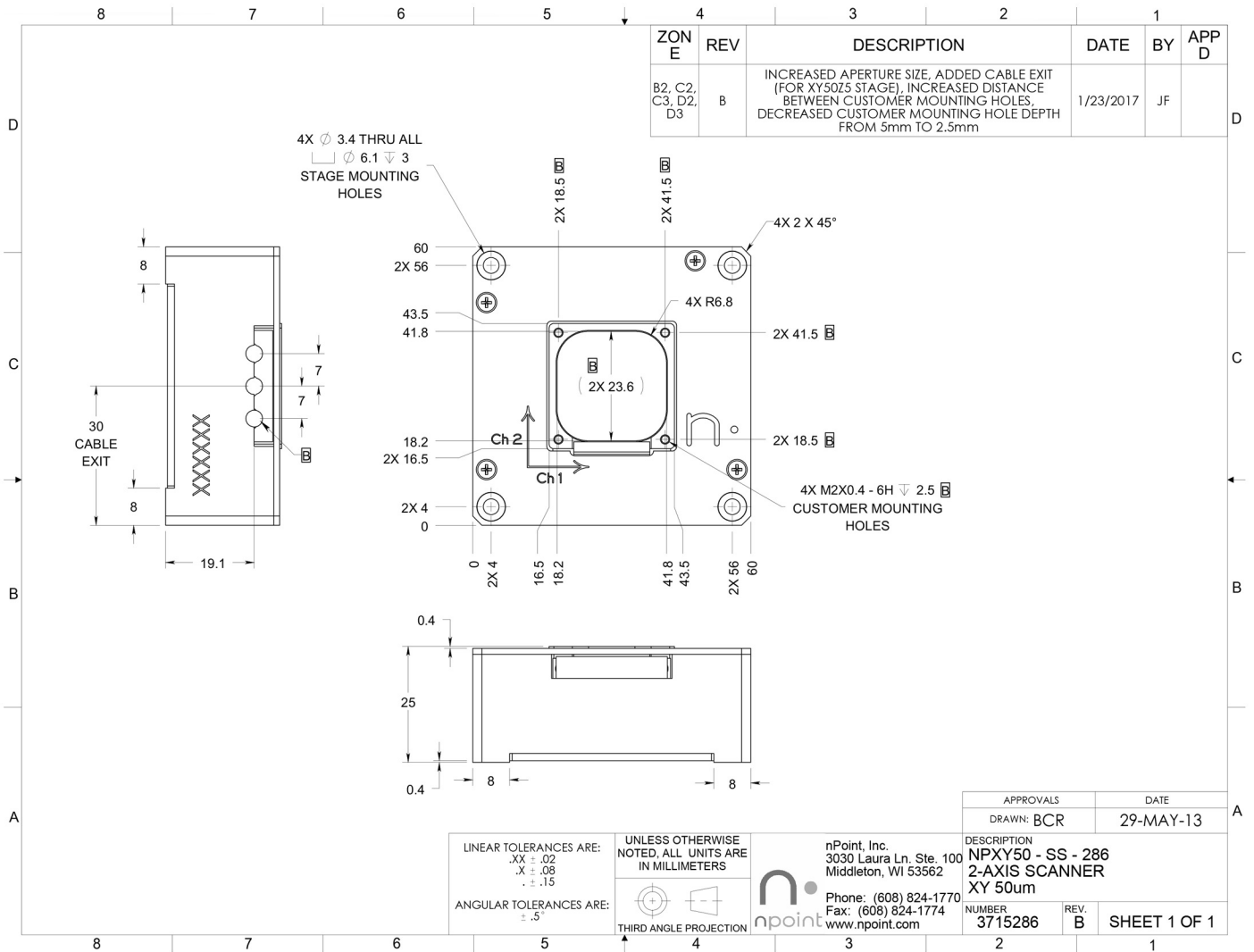




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INSTALLATION DRAWING

NPXY50-286



Nanopositioning Applications

