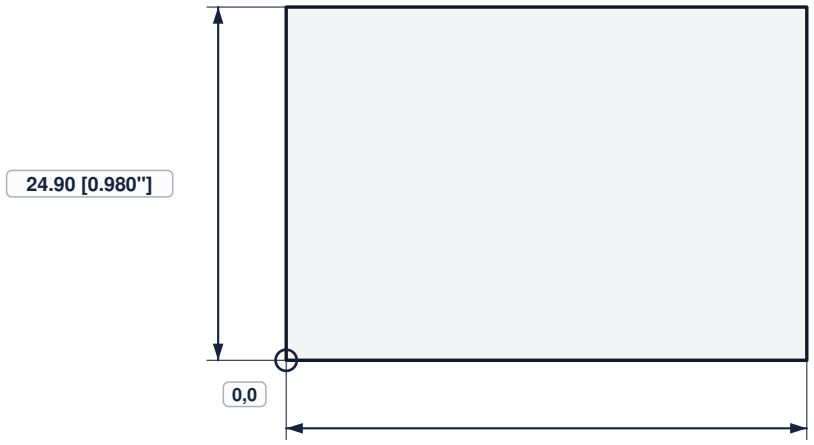


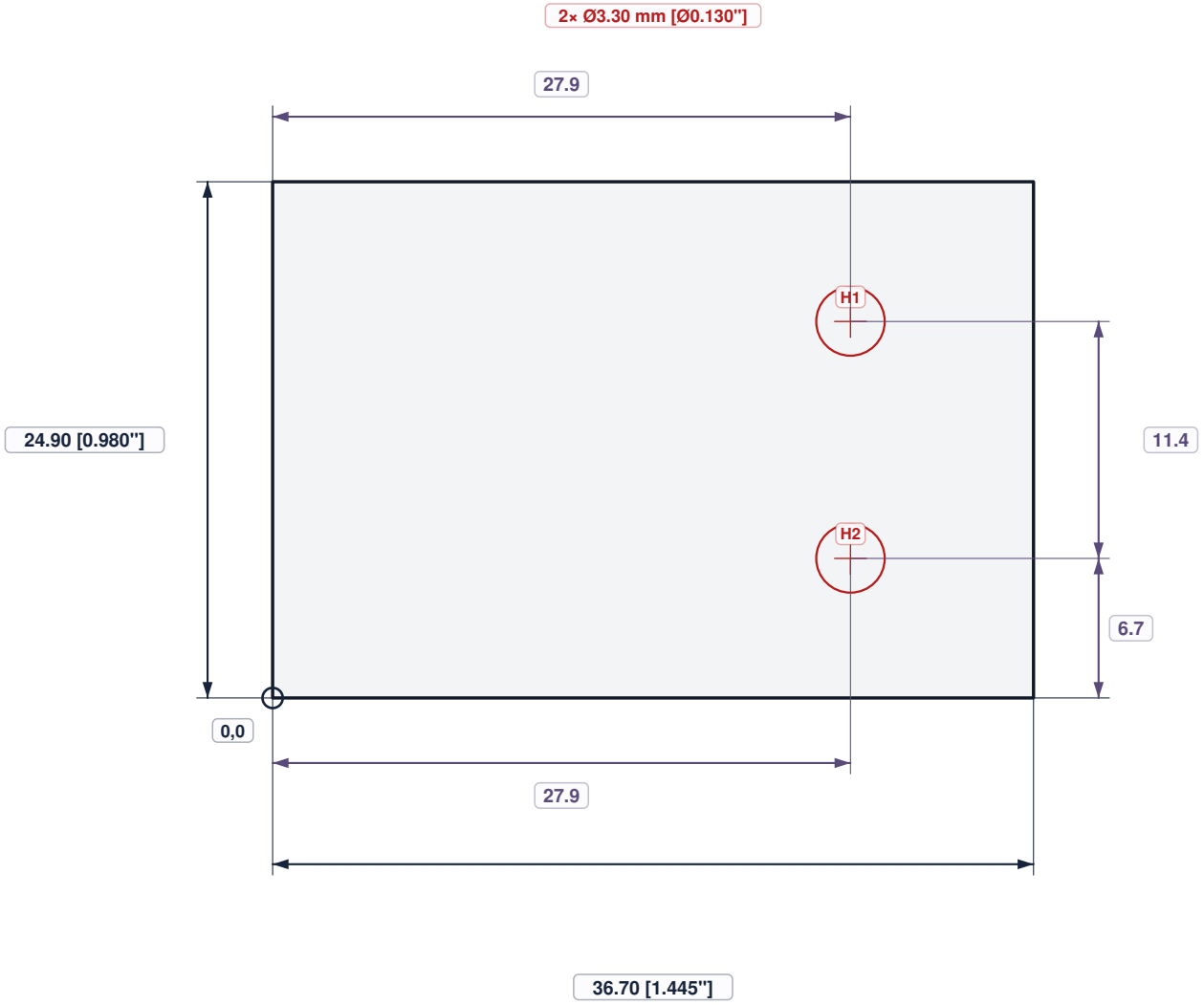
SIDE VIEW (component envelope, not a silhouette)



HOLE SCHEDULE

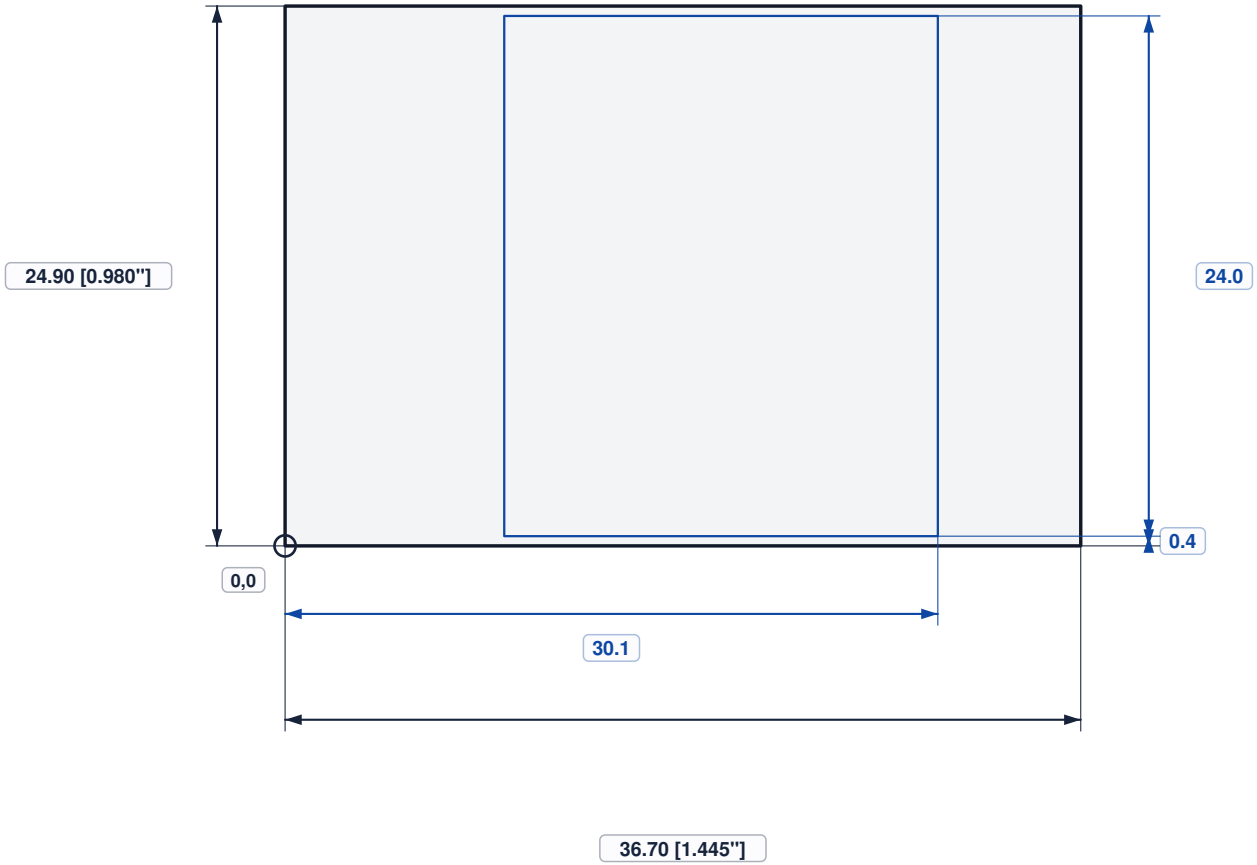
ID	X mm [in]	Y mm [in]	Ø mm [in]
H1	27.87 [1.097]	18.16 [0.715]	3.30 [0.130]
H2	27.87 [1.097]	6.73 [0.265]	3.30 [0.130]

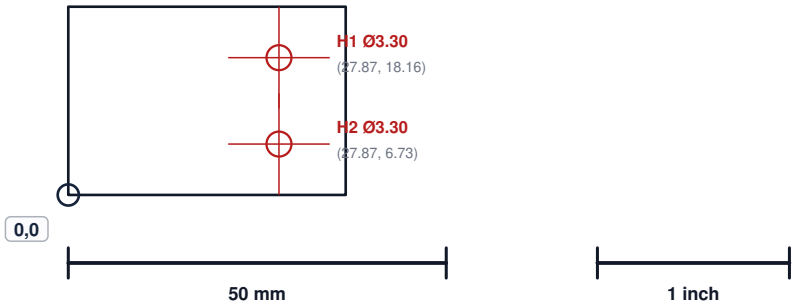
Hole tolerance: finished Ø ≈ specified +5 %, ±2.5 %
e.g. Ø3.30 → ≈3.47 ±0.08 mm



OPENING SCHEDULE (mm)

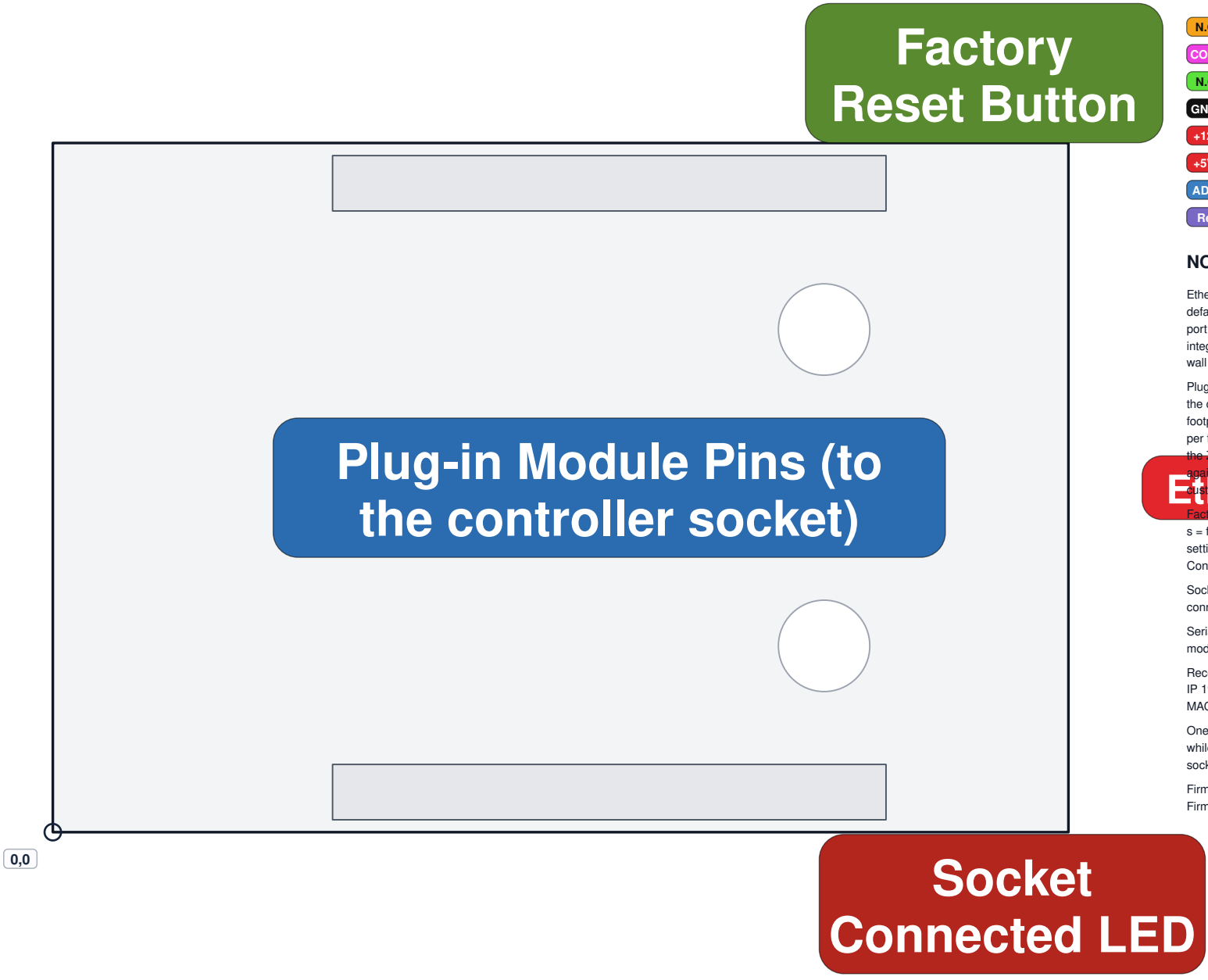
#	X0	X1	Y0	Y1	W×D mm	faces
1	10.11	30.11	0.45	24.44	20.0×24.0	right





Hole tolerance: finished Ø ≈ specified +5 %, ±2.5 %

e.g. Ø3.30 → ≈3.47 ±0.08 mm



LEGEND

N.O.	Normally Open (relay)
COM	Common (relay)
N.C.	Normally Closed (relay)
GND	Ground
+12V	Power supply input
+5V	Auxiliary 5 V output
AD1	0-5 VDC analog input
Relay 1	Relay number

NOTES

Ethernet RJ45: 10/100 Ethernet (WIZnet W5500) · DHCP by default · TCP server on port 2101 · web configuration on port 80 (password admin — change it) · link/activity LEDs integrated in the jack · faces out through the enclosure wall

Plug-in Module Pins (to the controller socket): plugs into the controller's communications module socket (XBee footprint, pins down, RJ45 facing out) · pin assignment per the NCD modular communications profile (same rows as the ZUSB); the 3D Eagle file carries no nets — confirm against the NCD5500 schematic · module-side pins, not customer wiring

Factory Reset Button: right of the RJ45 · press and hold 5 s = factory reset (DHCP, port 2101, password admin) · settings also reset/applied from the web UI or the NCD Config tool

Socket Connected LED: blue · lights while a TCP client is connected (one socket at a time)

Serial side is factory-set for the host NCD board (Data mode, do not change the COM settings)

Recovery: a jumper on the two pins left of the RJ45 forces IP 192.168.1.88; the NCD Config tool finds the module by MAC

One TCP socket at a time — a second client is refused while one is open; set Inactivity to auto-close idle sockets

Firmware updates via the web UI (Upload → Upload Firmware); factory reset recommended after updating