ENGINEERING RELEASE

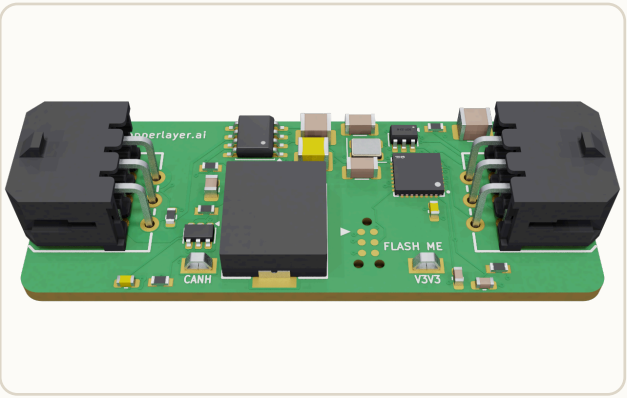
Molex CAN Node

INTERFACES	OUTLINE	PCB	FITTED PARTS
12V CAN / I/O / SWD · PCB contacts	56.00 x 22.00 mm	4 copper layers, 1.60 mm finished thickness	27

INTERFACES

CONN	TYPE	NETS
J1	12V CAN	V12 x2, GND x2, CANH, CANL
J2	I/O	V3V3, GND, IO1, IO2, IO3, IO4
J3	SWD · PCB contacts	V3V3, SWDIO, NRST, SWCLK, GND, NC

27 placed parts on 4 copper layers.



ASSEMBLY VIEW - NOT TO SCALE

HEADLINE LIMITS

SYM	PARAMETER	MIN	TYP	MAX	UNIT
V12	V12 supply voltage Required input supply voltage	12	–	12	V
V3V3	V3V3 supply voltage Supply and component tolerances	3.241	–	3.416	V
R(J2.1-J2.2)	External load impedance Between J2.1 and J2.2	6.599	–	1001000	ohm
R(J3.1-J3.5)	External load impedance Between J3.1 and J3.5	99900	–	10010000	ohm
TA	Ambient operating temperature Ambient operating range	0	–	55	°C

The datasheet includes the full electrical table, pin table, board dimensions, and references.