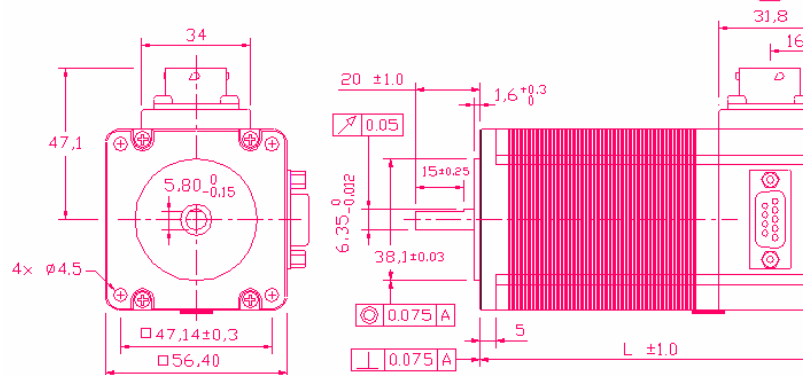
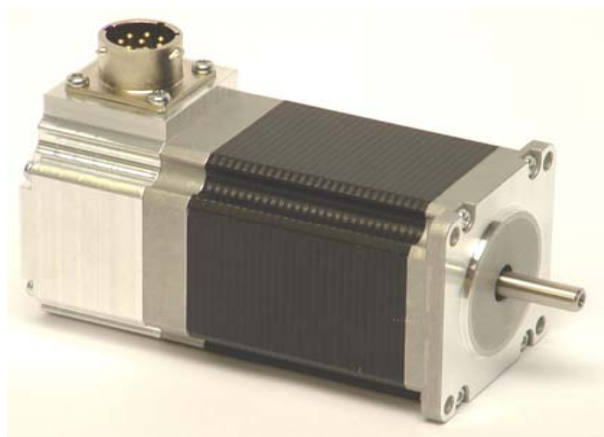


23HT18C-L series stepper motor/encoders with connectors

- Excellent EMC Characteristics
- 8-way UTO motor connector and 9 way "D" encoder connector
- Unipolar, Bipolar Parallel or Series
- High Torque
- Low Vibration
- High Quality
- Special versions available



Souriau UT00 128PH		
Pin	Colour	Phase
A	Red	1
B	Red/White	1'
C	Yellow/White	2
D	Yellow	2'
E	Orange	3
F	Orange/White	3'
G	Black/White	4
H	Black	4'

9pin D Plug	
Pin	Colour
1	+5V DC
2	n/c
3	A
4	B
5	Z
6	Gnd
7	A'
8	B'
9	Z'

Part Number	Step Angle	Body Length "L"	Unipolar Phase Current	Unipolar Phase Voltage	Unipolar Resistance	Unipolar Inductance	Holding Torque (2 ph on)	Rotor Inertia	Mass
23HT18C230L500	1.8°	84.5 mm	3A	2.3V	0.75 Ω	1.2mH	0.90Nm	0.260kgcm ²	0.95kg
23HT18C435L500	1.8°	114.5 mm	3.5A	2.8V	0.8 Ω	1.4mH	1.4Nm	0.520kgcm ²	1.5kg

UNIPOLAR Values shown - For Bipolar Parallel connection multiply I x $\sqrt{2}$, V x 1, R x 0.5, L x 1

Encoder specification

Counts/ turn	Line driver	Operating Voltage	Supply current	Max frequency	Output signal	Output Current
500AB + 1Z	AM26C31	DC 5V +/- 5%	100mA max	100kHz	H min 2.4Vdc L max 0.4Vdc	+/- 20mA max sinking

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