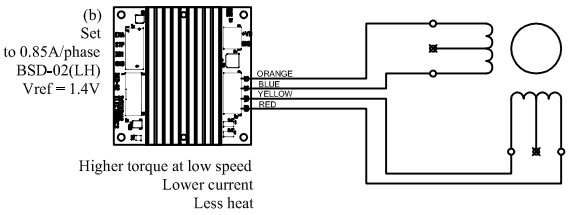
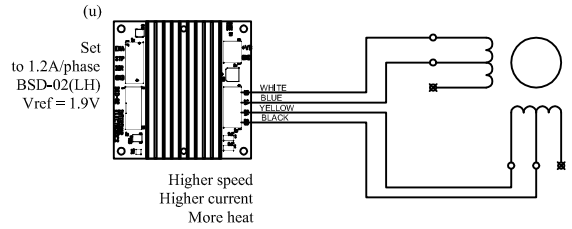
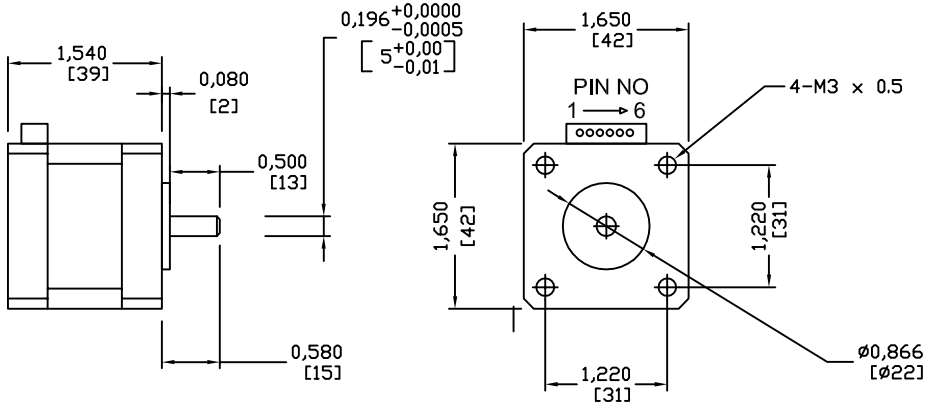
SPECIFICATIONS		(u)-unipolar connection (b)-bipolar series connection
Step Angle	deg	1.8
Voltage	V DC	6.4 (u), 9.0(b)
Current / phase	A / phase	1.2 (u), 0.85 (b)
Resistance / phase	ohm / phase	5.3 (u), 10.6 (b)
Inductance / phase	mH / phase	4.3 (u), 17.2 (b)
Holding Torque	oz-in	42 (u), 59 (b)
	N-cm	30 (u), 42 (b)
Detent Torque	oz-in	N/A
	N-cm	N/A
Rotor Inertia	oz-in2	0.31
	g-cm2	5.6
Weight	lbs	0.64
	kg	0.29

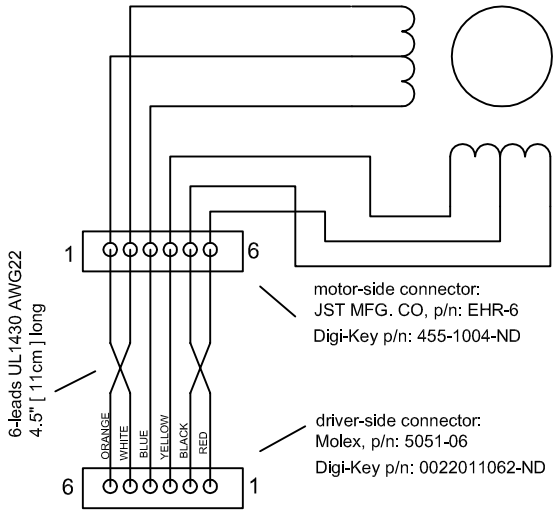




SIMPLIFIED DRAWING

DIMENSIONS UNIT = INCH [mm]





RECOMMENDED DRIVER: BSD-01P, BSD-13G, BSD-02, BSD-02LH
SETUP for BSD-02(LH): Vref =1.4V (0.85A/phase) for (b) or 1.9V (1.2A/phase) for (u)
RECOMMENDED POWER SUPPLY:
24Vdc, min 1.7A for (b) or 24Vdc, min 2.4A for (u)
Note: to avoid mistakes follow wire colors and not connector pin numbers . Connector on driver side may be easily modified or removed.

Manufactured by: Sanyo Denki Co., Ltd.

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REV	REV NOTE	DATE
1		

interinar ELECTRONICS
http://www.interinar.com
support@interinar.com

DWG	M.W.	SCALE	not to scale
CAT	75		

TITLE 2-PHASE STEP MOTOR 103H5208-10U41

DWG#	SHEET	OF
P0114.11	1	1

FILE NAME	DATE
103H5208-10U41.dwg	01-23-2011