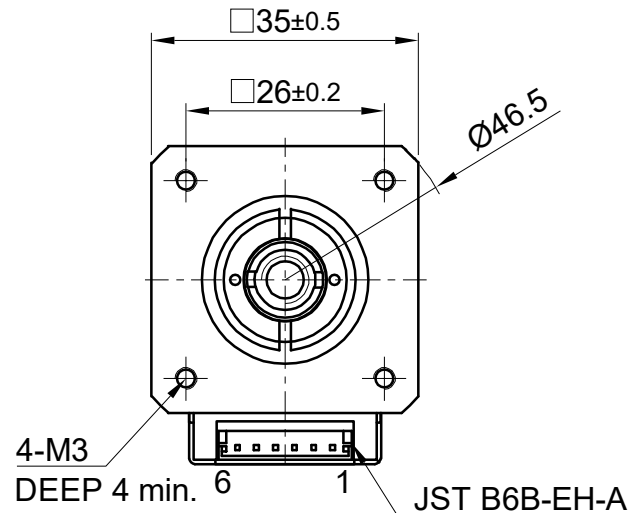
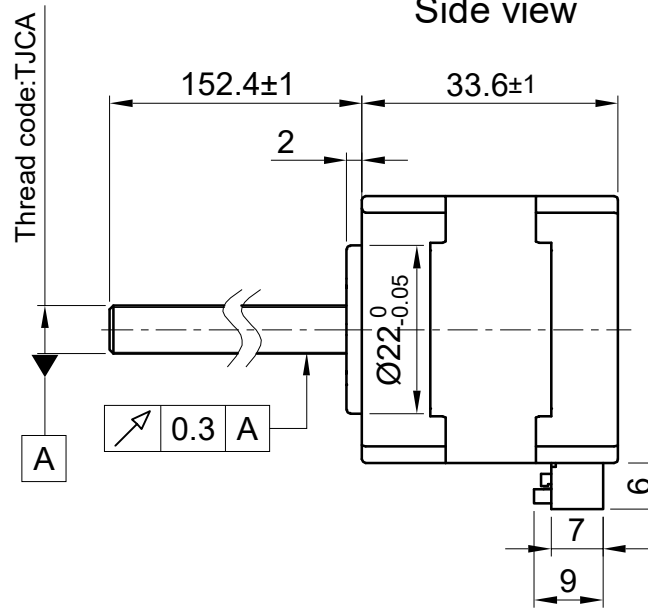


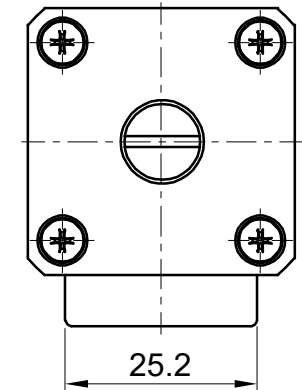
Front view and mounting



Side view



Rear view



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.2
RESISTANCE/PHASE (Ohms)@20°C		1.85±15%
INDUCTANCE/PHASE (mH) @1KHz		2.46±20%
THREAD DIAMETER (mm) [in]		6 [0.236]
THREAD LEAD(mm) [in]		2 [0.079]
RATED FORCE (N)/MAX. FORCE (N)		69 / 156
RESOLUTION (mm/STEP)		0.01
MAX. SPEED (mm/sec.) AT 24V		33
WEIGHT (Kg) [lb]		0.19 [0.42]
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]		
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
INSULATION CLASS B 130° [266°F]		
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		

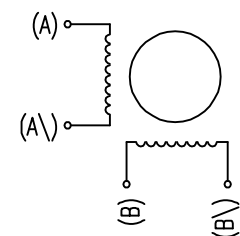
Please regard the application note at www.nanotec.com for further informations.

MOTOR	
CONNECTOR PIN NO.	WINDING
1 (NC)	
2	
3	
4	
5	
6 (NC)	

FULL STEP 2 PHASE-Ex.,
WHEN FACING MOUNTING END (X)

STEP	A	B	A\	B\		CCW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

WIRING DIAGRAM



Nanotec
PLUG & DRIVE

APVD P.R. 04.06.19
CHKD GYQ 04.06.19
DRN X T 04.06.19

LINEAR ACTUATOR

DWG.NO

LSA351S12-A-TJCA-152

A	Change force and speed etc.	17.10.25	X T
REV	DESCRIPTION	DATE	DRN

Surface
specification
DIN ISO 1302

General
tolerances
DIN ISO 2768-c

Work piece
edge
DIN ISO 13715

SIGNATURE

DATE