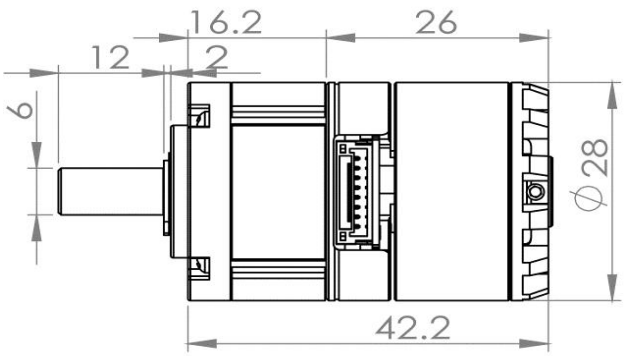
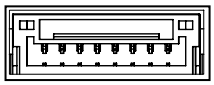






Connector:	GH1.25-F-8P
Cable：	GH8P-M-28AWG-15cm

Pin definition(left to right):

1.HW 2.HV 3.HU 4.GND 5.VCC 6.W 7.V 8.U

General Characteristics :

Basic Dimensions	Unit	
Diametier		28
Body length	mm	42.2
Output shaft diameter	mm	6
Output shaft lenghth	mm	12

Motor Features	Unit	
Motor type		BLDC outrunner
Motor model		MX2210KV360HA
Pole pairs		7
Number of phases		3

*For more motor features please refer datasheet "MX2210KV360HA"

Gearbox Features	Unit	
Gearbox model		GP28L1A
Gearbox type		Planetary
Gearbox ratio	K	3.3
Gearbox levels		1
Gearbox diameter	mm	28
Gearbox length	mm	16.2
Gearbox efficiency		90%
Operating torque	kg*cm	5
Brakeing torque	kg*cm	15

Nominal & Stall	Unit		
Gearbox ratio	K	3.3	3.3
Nominal voltage	V	12	24
Noload speed	rpm	1303	2606
Nominal speed	rpm	1000	2182
Nominal torque	mNm	109	149
Nominal current	A	1.4	1.9
Maximal power	W	15	45
Maximal efficiency		75%	76%
Stall torque	mNm	347	693
Stall current	A	4.5	8

*Attention: Stall operation is not recommended, please do necessary protection to avoid irreparable damage!