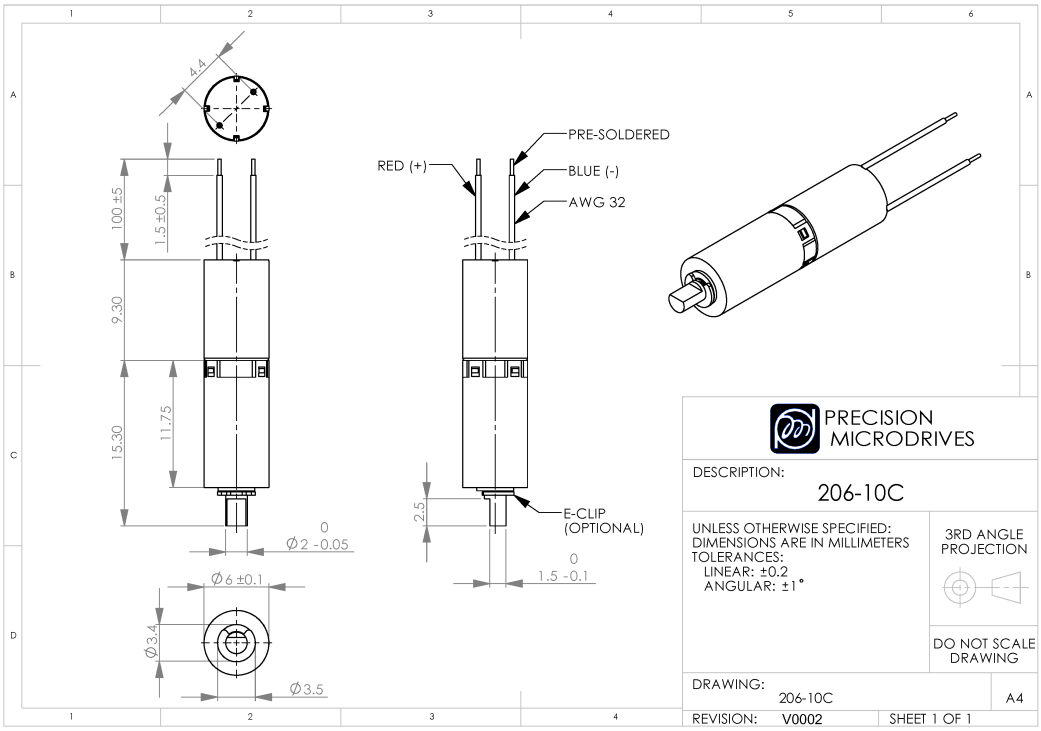
206-10C 6mm DC Gearmotor - 21mm Type



			Samples available			
		Units	206-10C			
Design and Accessories						
1	Commutation		Precious Metal Brush			
2	No. of Output Shafts		1			
3	Unit Weight	g	1.2			
4	Body Diameter	mm	6			
5	Body Length	mm	20.8			
6	Rotation Direction		CW			
7	Bearing Type		Sintered Bronze			
Physical Characteristics						
8	Shaft Diameter	mm	2			
9	Shaft Length	mm	3.6			
10	Shaft Orientation		Inline			
11	Motor Construction		Coreless			
Operational Characteristics						
12	Rated Operating Voltage	V	3			
13	Rated Load	mN·m	10			
14	Rated Load Speed	rpm	37			
15	N/L Speed	rpm	47			
16	Max. Start Voltage	V	2			
17	Max. N/L Current	mA	42			
18	Max. Operating Voltage	V	4			
19	Max. Rated Load Current	mA	95			
20	Min. Insulation Resistance	MOhm	1			
21	Max. Intermittent Torque	mNm	25			
22	Max. Start Current	mA	235			
23	Max. Stall Current	mA	235			
24	Typical Rated Load Power Consumption	mW	165			
25	Typical N/L Current	mA	32			
26	Typical Peak Efficiency	%	25.4			
27	Typical Peak Eff. Torque	mN·m	13.5			
28	Typical Peak Eff. Speed	rpm	35			
29	Typical Peak Eff. Current	mA	65			

30	Typical Peak Eff. Power Out	mW	49
31	Typical Start Current	mA	185
32	Typical Max. Output Power	mW	60
33	Typical Stall Torque	mN·m	32
Gear Characteristics			
34	Gear Ratio	:1	699.5
35	Gearhead Type		Planetary
Leads & Connectors Characteristics			
36	Lead Length	mm	100
37	Lead Wire Gauge	AWG	32
38	Lead Configuration		Straight
39	Lead Strip Length	mm	1.5
Winding Characteristics			
40	Typical Terminal Resistance	Ohm	14
41	Typical Terminal Inductance	uH	75
Environmental Characteristics			
42	Max. Operating Temp.	°C	60
43	Min. Operating Temp.	°C	-10
44	Max. Storage & Transportation Temp.	°C	70
45	Min. Storage & Transportation Temp.	°C	-20
Packaging			
46	No. Units per Carton	pcs	2,000
47	Carton Type		Boxed Trays

Motor Body Characteristics

48	No. of Poles	

Performance