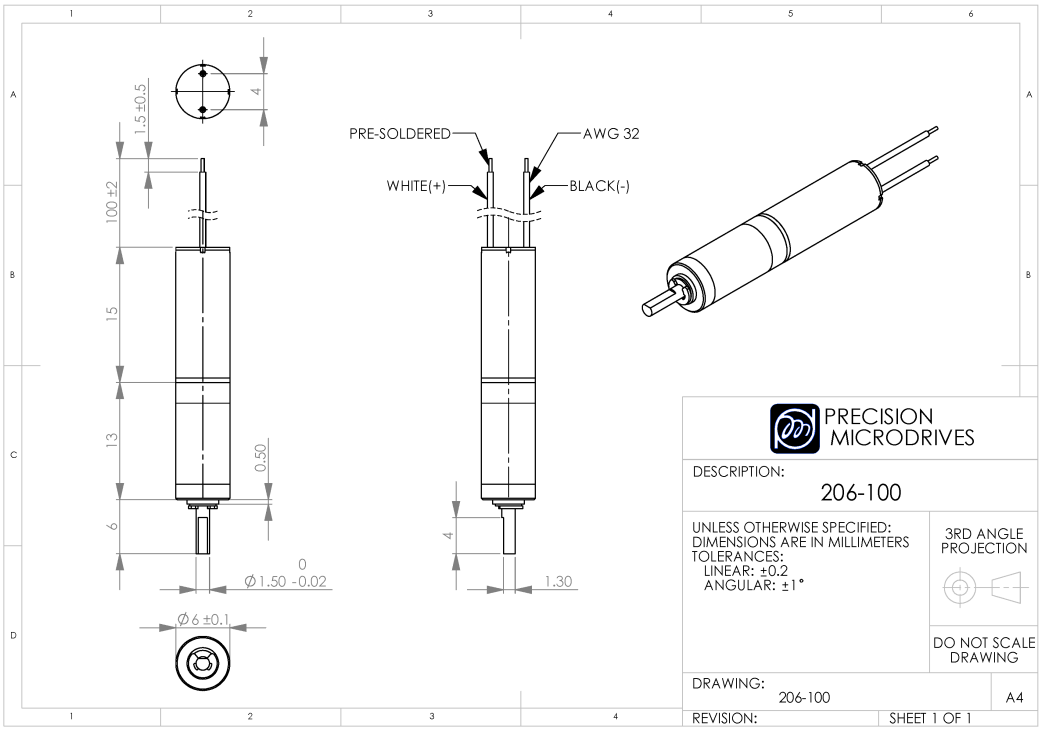
206-100 6mm DC Gearmotor - 28mm Type



			Samples available			
		Units	**206-100**			
Design and Accessories						
1	Commutation		Precious Metal Brush			
2	No. of Output Shafts		1			
3	Unit Weight	g	4.1			
4	Body Diameter	mm	6			
5	Body Length	mm	28			
6	Rotation Direction		CW			
7	Bearing Type		Sintered Bronze			
Physical Characteristics						
8	Shaft Diameter	mm	1.5			
9	Shaft Length	mm	6			
10	Shaft Orientation		Inline			
11	Motor Construction		Coreless			
Operational Characteristics						
12	Rated Operating Voltage	V	3			
13	Rated Load	mN·m	0.2			
14	Rated Load Speed	rpm	1,800			
15	N/L Speed	rpm	3,500			
16	Max. Start Voltage	V	1			
17	Max. N/L Current	mA	120			
18	Max. Operating Voltage	V	3.6			
19	Max. Rated Load Current	mA	140			
20	Min. Insulation Resistance	MOhm	1			
21	Max. Start Current	mA	250			
22	Typical Rated Load Power Consumption	mW	350			
23	Typical N/L Current	mA	100			
24	Typical Peak Efficiency	%	14			
25	Typical Peak Eff. Torque	mN·m	0.2			
26	Typical Peak Eff. Speed	rpm	2,300			
27	Typical Peak Eff. Current	mA	115			
28	Typical Peak Eff. Power Out	mW	48			
29	Typical Start Current	mA	220			

30	Typical Max. Output Power	mW	55
31	Typical Stall Torque	mN·m	0.5
Gear Characteristics			
32	Gear Ratio	:1	3.7
33	Gearhead Type		Planetary
Leads & Connectors Characteristics			
34	Lead Length	mm	100
35	Lead Wire Gauge	AWG	32
36	Lead Configuration		Straight
37	Lead Strip Length	mm	1.5
Winding Characteristics			
38	Typical Terminal Resistance	Ohm	13.2
39	Typical Terminal Inductance	uH	100
Environmental Characteristics			
40	Max. Operating Temp.	°C	60
41	Min. Operating Temp.	°C	-10
42	Max. Storage & Transportation Temp.	°C	70
43	Min. Storage & Transportation Temp.	°C	-20
Packaging			
44	No. Units per Carton	pcs	2,000
45	Carton Type		Boxed Trays

Motor Body Characteristics		
46	No. of Poles	
47	Shaft Axial Float	mm

Performance