



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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諸特性表 CHARACTERISTICS OF GEARED MOTOR

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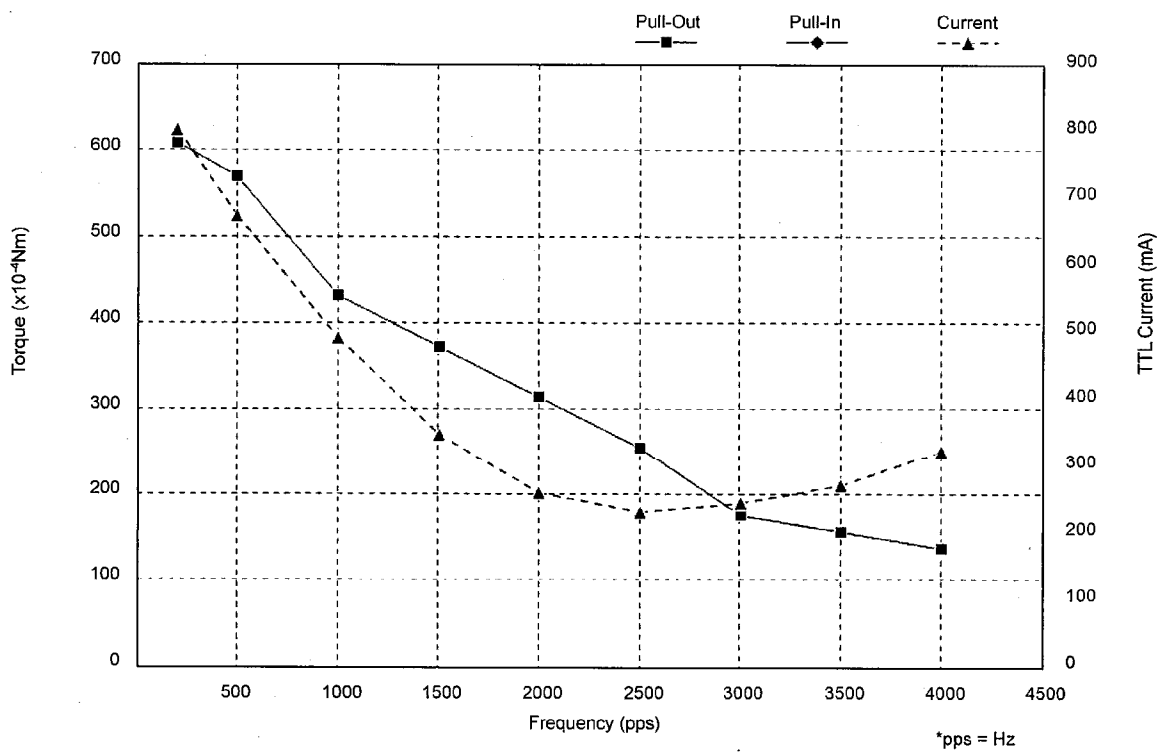
ITEM		SPECIFICATION		CONDITION
駆動電圧	DRIVE VOLTAGE	DC 5.0 V		TERMINAL VOLT.
駆動電流	DRIVE CURRENT	mA		
駆動方式	DRIVE MODE	V CONSTANT		
	PHASE ON METHOD	2 - 2		
	DRIVE CIRCUIT	SEE NOTE 5		
ステップ角度	STEP ANGLE	0.36 °		2-2 PHASE ON
減速比	GEAR RATIO	1/50		
プリアウトトルク	PULL OUT TORQUE	(1) 500 PPS	44.1 mNm MIN	{ 0.45 kgcm MIN }
		(2) PPS	0.0 mNm MIN	{ kgcm MIN }
		(3) PPS	0.0 mNm MIN	{ kgcm MIN }
プルイントルク	PULL IN TORQUE	(1) PPS	0.0 mNm MIN	{ kgcm MIN }
		(2) PPS	0.0 mNm MIN	{ kgcm MIN }
デクラッチ	DECLUTCH	0.0 mNm MIN	{ kgcm MIN }	WITHOUT CLUTCH
最大自起動周波数	MAX. NO LOAD RESPONSE	1100 pps MIN		
最大応答周波数	MAX. SLEW SPEED	1,500 pps MIN		
巻線抵抗値	WINDING RESISTANCE	10 x (1 ± 10 %) Ω		
巻線方式	WINDING MODE	UNIFILAR		
コイルインダクタンス	WINDING INDUCTANCE	3 mH REF.		1kHz, Voltage(rms)=1V
絶縁抵抗値	INSULATION RESISTANCE	100 MΩ MIN		DC 500V
絶縁耐圧	DIELECTRIC STRENGTH	AC 500 V	1 min.	3mA Max.
温度上昇	TEMPERATURE RISE	K MAX		
絶縁種	CLASS OF INSULATION	CLASS E		EXCEPT WIRE
ロータイナーシャ	ROTOR INERTIA	0.043 g·cm ² REF		
動作温度範囲	OPERATING TEMP.	0 °C to 50 °C		
保存温度範囲	STORAGE TEMP.	-30 °C to 80 °C		
動作湿度範囲	OPERATING HUM.	20 % RH to 90 % RH		
作動音	SOUND LEVEL	dBA		
振動	VIBRATION	- m/Sec ²		
衝撃	SHOCK	- m/Sec ²		
寿命時間	LIFE	3,000 h MIN.		NOTE 4
トルクカーブ	TORQUE CURVE	SEE ATTACHED SHEET		NO.78277

{}内の従来単位は参考値です。

DYNAMIC TORQUE CHARACTERISTICS (No. 78277)

(ALL VALUES ARE GAINED BY MEASUREMENT AND NOT SPECIFICATIONS VALUES)

Model : PG15S-J20-HHF3
 Drive Mode : BIPOLAR CONST.VOLT.
 Drive Voltage : 5.0 V
 Method : 2-2P
 Drive IC : SLA8001
 Surge/Current : /
 Coil Resistance : 10.0 Ω
 Magnet Material : MS70A
 Stator Material : SECC
 Note : Terminal Voltage, GEAR RATIO 1/50



Frequency (pps)	200	500	1000	1500	2000	2500	3000	3500	4000
■ Pull-Out (x10 ⁻⁴ Nm)	608.0	568.8	431.5	372.7	313.8	255.0	176.5	156.9	137.3
◆ Pull-In (x10 ⁻⁴ Nm)									
▲ Current (mA)	802	675	491	347	261	230	244	272	324

