

IMAJ TEKNİK
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ.

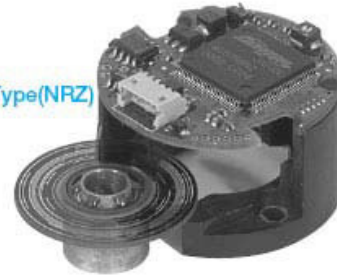
SmartInc

APPLICATION

- For Small Middle Wattage Motors
- Robots
- Machine Tools
- Injection Machines

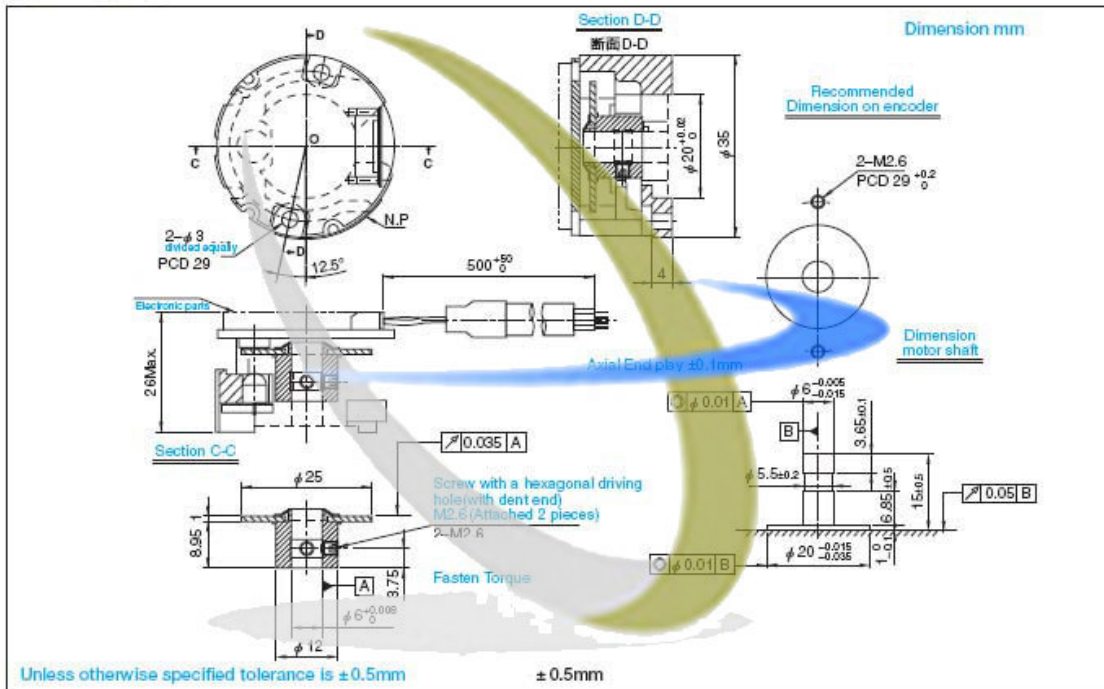
FEATURES

- Full Absolute Signal Output
- 17bit/Tum (At 6,000rpm Max)
- Bi-direction Serial Communication Type(NRZ)
- Fail-Check Operation
- Small Size ($\phi 35$)

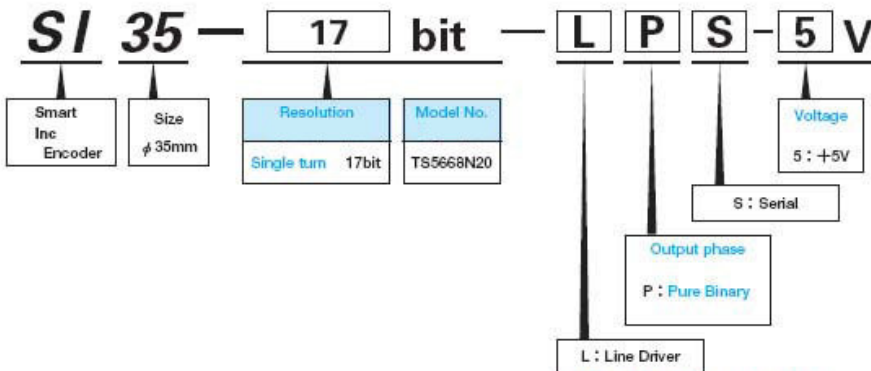


TS5668N20

SI35 Series



DESIGNATE THE NAME OF FUNCTION WHEN ORDERING



For special cases, please consult us.

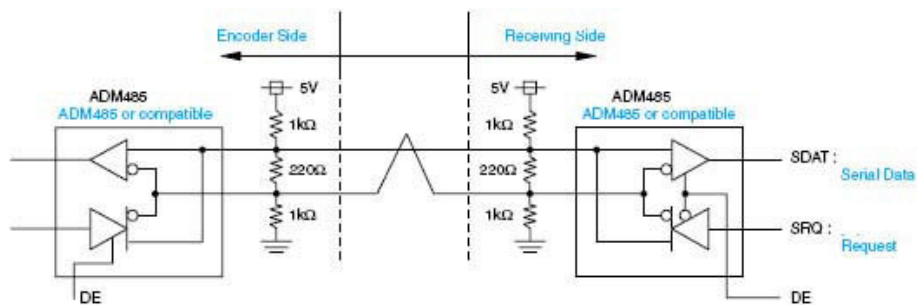
SPECIFICATIONS

Electrical Spec.			Mechanical Spec.	
Resolution	Absolute Signal	17bit/turn	Moment of Inertia	$0.24 \times 10^{-6} \text{ kg} \cdot \text{cm}^2$ Typ
	Output Phase	Pure Binary Code	Maximum Rotating Speed	$6,000 \text{min}^{-1}$ (6,000rpm) (Mechanical Spec.) Max
Supply Voltage	DC +5V ± 5%		Operating Temp. Range	-10~+85°C
Consumption Current	(Typ) Normal Operation 110mA Max		Storage Temp. Range	-20~+90°C
Output Form	Line Driver	ADM 485 相当 20mA	Protective Construction	Not Enclosed
			Vibration	98m/s ² (10G) (5-2,000Hz) for 2hours 98m/s ² (10G) (5-2,000Hz)
Max Response Frequency	13MHz		Shock	1,960m/s ² (200G) 11msec, 3times 1,960m/s ² (200G) 11msec,
Serial Data Transfer Cycle	35µs ~ 63µs (Note) Including time for a request. Time depends on the ID Codes. 2.5Mbit/sec Start-Stop transmission.		Mass	0.03kg Max Without Cable
Data Code	Base Band NRZ (TWO-WAY)			

CONNECTION TABLE

Lead Wire	Function	Remark
White	Vcc	Main Power DC +5V ± 5%
Black	GND	
Light Blue	SD	Serial Data
Purple	SD	

RECEIVING AND TRANSMITTING INTERFACE



www.imajteknik.com



İmaj Teknik Elektrik Elektronik San. ve Tic. Ltd. Şti.
EMEKYEMEZ MAH.TUTSAK SOK. NO: 16/13-14-15
KARAKOY/İSTANBUL
TURKEY

Telefon : +90 212 235 9535 / 36 www.imajteknik.com
 Fax : +90 212 235 9537 www.imajteknik.com.tr