

# Moog Components Group Slip Ring Application Form

Date \_\_\_\_\_ Salesperson \_\_\_\_\_  
Please supply as much accurate information as possible about your requirements to assist our Engineering and Sales staff in assessing the best possible solution to your application.

## COMPANY INFORMATION:

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Contact

\_\_\_\_\_  
Address

- Buyer  
 Engineer  
 Other \_\_\_\_\_

\_\_\_\_\_  
City

\_\_\_\_\_  
State

\_\_\_\_\_  
Zip

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Fax

\_\_\_\_\_  
Email

1) Description of Application: \_\_\_\_\_

Commercial

Military

Industrial

Other \_\_\_\_\_

2) Type of Slip Ring: \_\_\_\_\_

Capsule

Separate Brush Block

Other \_\_\_\_\_

Separate Slip Ring

Poly-Twist for  $\pm$  \_\_\_\_\_

3) This Application is: \_\_\_\_\_

New

Retrofit/Replacement

Current Supplier: \_\_\_\_\_

Part Number \_\_\_\_\_

4) Estimated Annual Usage: \_\_\_\_\_

Price Target \_\_\_\_\_

Production Start Date \_\_\_\_\_

Estimated Life of Program \_\_\_\_\_

Tooling \$ Available: \_\_\_\_\_

5) Size Constraints- Mechanical and additional requirements (i.e. resolver, motor, hydraulics, pneumatics, optical channel, etc):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6) Specifications:

Number of Rings \_\_\_\_\_

Size: Length \_\_\_\_\_  
 Diameter \_\_\_\_\_  
 Bore \_\_\_\_\_

Wear (Life): Hours (or Years) \_\_\_\_\_

At Duty Cycle: \_\_\_\_\_

Operating Temp Range (°C):

Min \_\_\_\_\_ Max \_\_\_\_\_ Norm \_\_\_\_\_

Pressure: Norm \_\_\_\_\_ Min \_\_\_\_\_

Vibration \_\_\_\_\_ g's @ \_\_\_\_\_

Hz shock \_\_\_\_\_ g's

Sealing:  None  Dust  Water Spray  
 Submersion

Rotational Speed: Norm \_\_\_\_\_

Max \_\_\_\_\_

Oscillatory Motion:  Yes  No

Torque: Max Starting \_\_\_\_\_ gm-cm

Weight (Max)

Lead Length: Rotor \_\_\_\_\_

Stator \_\_\_\_\_

Connectors: Rotor \_\_\_\_\_ Stator \_\_\_\_\_

Load Exits: Rotor Axial \_\_\_\_\_ Radial \_\_\_\_\_

Stator Axial \_\_\_\_\_ Radial \_\_\_\_\_

Circuit Function	No. Ring	Current (amps)		Working Volts	Digital Risetime or Freq. (Hz)	Crosstalk Isolation (dB)
		Normal	Max			