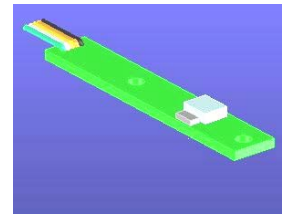
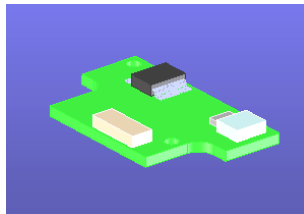
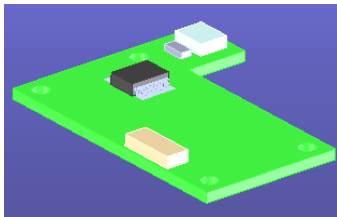


Chip Mount Optical **Rotary** Encoders



-PCB Custom Design Available

We can provide you with any PCB you require!



-Easy Alignment

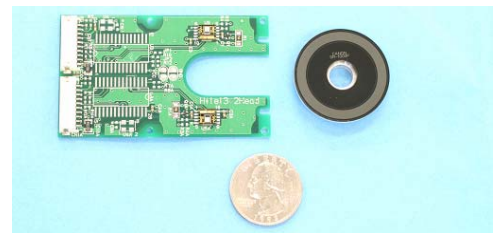
Alignment Tolerance is 1mm +/-0.3mm

-High Resolution

*250,000Pulse/rev. at Maximum
Multi Encoder Chips Configuration*

- Ultra Small

- Competitive Price



CANON U.S.A., Inc Encoder Gr.

CANON Inc. (Japan)

http://www.usa.canon.com/html/industrial_encoders/index.html

<http://www.canon.com/optoelectro/index.html>

New York Office

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Canon
*image*ANYWARE

Customers' Requirement Sheet for SR **Rotary** Encoders

Questionnaire		Ans.	Customer's requirement
Technical Questions			
Scale (Rotary)			
1	outside diameter & inside diameter	mm	
2	Material	Film or Glass?	
3	Z phase (Index Signal) required	Yes or No	
4	How many Z phases	1	
5	Row Pulse	Pulse/round	
6	Type of Interpolator	40-1000	
Head			
7	Speed	(rpm) or arc/sec	
8	Frequency Response	(Hz)	
9	Maximum Resolution	(Pulse/round)	
10	Type of interpolator	40-1000	
11	Type of output signal	TTL or Line driver	
12	Original PCB Board Required	Yes or No	
	Any Questions		

If you have any questions, please give us a call.

Basic Specification

Light Source : LED (650nm)
Working Distance : 1mm +/-0.3mm
Output Signal : A,B,Z TTL (Custom-designing available)

Head

Encoder Head	SR-P01AZ		SR-P40		SR-P64		SR-P1000	
Scale	Resolution (cycle/rot)	Max. Response speed (rpm)	Resolution (Pulse/rev.)	Max. Response speed (rpm)	Resolution (Pulse/rev.)	Max. Response speed (rpm)	Resolution (Pulse/rev.)	Max. Response speed (rpm)
S-846R500G	500	6000	5000	6000	8000	6000	12500-125000	6000-2250
S-846R500F	500	6000	5000	6000	8000	6000	12500-125000	6000-2250
S-846R750F	750	4500	7500	4500	12000	4500	18750-187500	4500-1680
S-846R1000G	1000	3000	10000	3000	16000	3000	25000-250000	3000-1125

Rotary Scale

Scale	S-846R500G	S-846R500F	S-846R750F	S846R100G
Grating Pitch (um)	84.6um	84.6um	84.6um	84.6um
Material	Glass	Multi Layer PET Film	Multi Layer PET Film	Glass
Out Diameter (mm)	17	16	22.8	31
In Diameter (mm)	6.6	7.65	7.65	12
Thin (mm)	1.1	0.3	0.3	1.1

Environmental Conditions

<Head>

Operating Temperature : 0 to 60°C
Storage Temperature : -20 to 70°C
Humidity : 90% max.
Vibration : 3G, 20-250Hz
Shock : 30G,11msec

<Scale>

Operating Temperature : 0 to 60°C (glass)
Storage Temperature : -20 to 70°C(glass)
Humidity : 90% max.