



Electrical Characteristics

Rated Power: DC5V 10mA Max.

Output signal: A \ B 2 signals
15 Pulses 360°

Resolution: 0.087 Min.

Phase difference: 3ms Max.

Sliding noise: 10 Max.

Contact Resistance: 100mA Min. at DC 250V

Insulation resistance: AC300V / 1min

Withstand voltage: AC300V / 1min

Mechanical

Total rotation angle: 360°

Rotation Torque: 200±100gf.cm

Push-pull Strength of Shaft: 8.0kgf Min.

Number of Detents(Click): 30 detents Step angle:12°±2°

Shaft play in axial direction: 0.4mm Max.

shaft play in rotational wobble: 5° Max.

Rotational Life: 30000±200 cycles

Temp. Range: -40 ° C ~ + 85 ° C

Soldering: 250 ° C 5sec. Max.

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		Description:	
X	±0.50	X	±5°	mm			
X	±0.38	X	±3°	A4	40MM Ring type Encoder		
XX	±0.25	XX	±2°	KLS P/N:	KLS4-RT4010		

Draw by: Date	2015-09-01
Check by: Date	2015-09-15
SCALE	SHEET OF

KLS ELECTRONIC CO., LTD.