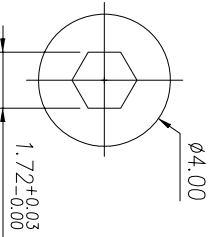


PCB LAYOUT



Electrical Characteristics
 Rated Power: DC5V 5mA Max.
 Output signal: A \ B 2signals
 Resolution: 12 Pulses 360°
 24 Pulses 360°
 Phase difference: 4ms Min.
 Sliding noise: 7ms Max.
 Contact Resistance: 1Ω Max.
 Insulation resistance: 1000MΩ Min. at DC 250V
 Withstand voltage: AC300V / 1min

Mechanical
 Total rotation angle: 360°
 Rotational Torque: 30~200 gf·cm Max
 Number of Detents: 24 detents Step angle: 15°±2°
 12 detents Step angle: 30°±2°
 Rotational Life: 10000±200 cycles
 Temp. Range: -10 ° C ~ +70 ° C
 Soldering: 230±5 ° C 5Sec. Max.

Order Information:
 L-KLS4-ECT1005 - XX
 RoHS
 10mm Encoder
 Pulse and Detent Code
 9A: 12 Pulse with 24 Detents
 9B: 12 Pulse without Detent

GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION	Description:
X: ±0.50	X: ±5°	mm	10mm Encoder
.X ±0.38	.X ±3°	A4	
.XX ±0.25	.XX ±2°	KLS P/N	
Draw by: Date	2017-09-01	KLS4-ECT1005-XX	
Check by: Date	2017-09-05		
SCALE	SHEET	OF	

KLS ELECTRONIC CO., LTD.