# **CUI** DEVICES

**date** 09/03/2020

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## **SERIES:** EC202V | **DESCRIPTION:** OPTICAL ENCODER

#### **FEATURES**

- 22mm wide
- metal shaft
- 50 and 100 ppr resolution





#### **SPECIFICATIONS**

parameter	conditions/descripti	on	min	typ	max	units
supply voltage			4.75	5	5.25	Vdc
current consumption					30	mA
output waveform	square wave					
output	incremental					
output resolution	50, 100					ppr
phase difference			45	90	135	0
frequency response					500	Hz
operational torque	without click				50	gf∙cm
rotational life					2,500,000	cycles
weight				28		g
operating temperature			0		60	°C
storage temperature			-20		80	°C
current consumption					30	mA

## PART NUMBER KEY



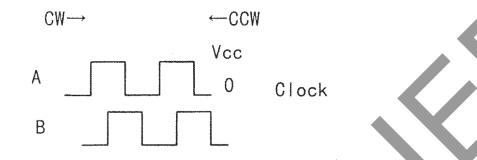
Base Number

Output Resolution:

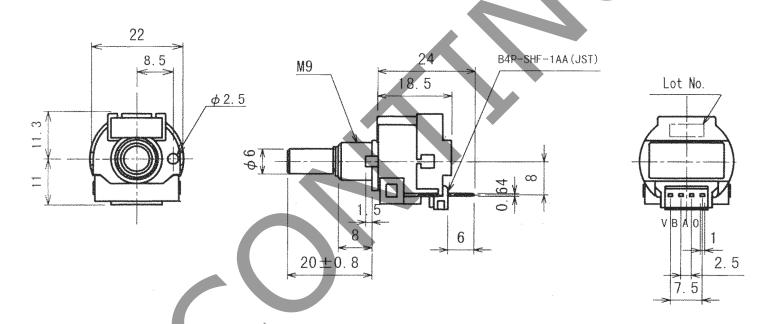
050 = 50 ppr

100 = 100 ppr

#### **OUTPUT WAVEFORM**



## **MECHANICAL DRAWING**



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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	08/09/2004
1.01	brand update	09/03/2020

The revision history provided is for informational purposes only and is believed to be accurate.



## COI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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