

## Description

US Digital offers a wide variety of standard rotary encoder disks. They may be ordered as a stand alone disk or as a encoder disk (see the Disks page). These rotary encoder disks are made from Mylar polyester film. This material allows for a wide temperature range.

The 64 CPR is available only in the No Index, EM1 Compatible option (NE). Other resolutions are available with or without an index track.

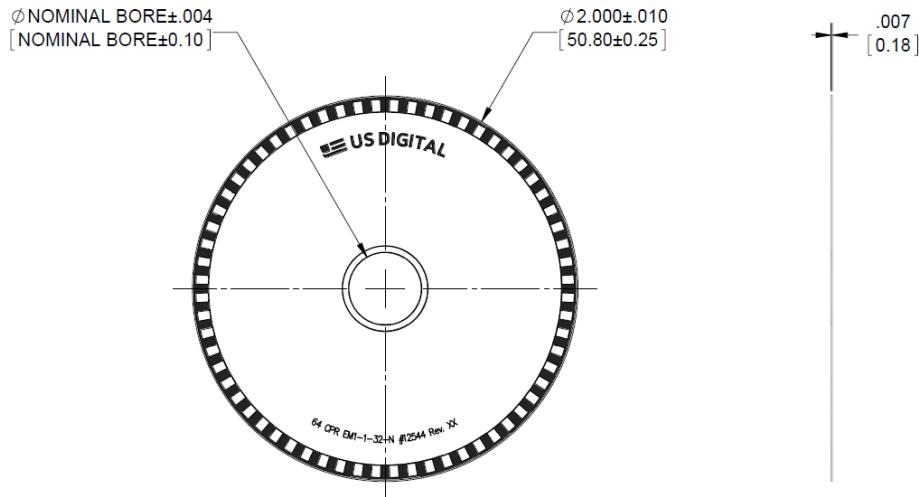
Mechanical alignment drawings for optical encoder rotary disks and optical encoder modules are available (see the EM1 and EM2 page).



## Features

- ▶ 2" Outside Diameter
- ▶ Mylar film construction
- ▶ 64 to 10000 CPR
- ▶ Index track option

## Mechanical Drawing



RELEASE DATE: 01/15/2016

 **Specifications**

Inside Diameter (ID) tolerance	±0.004"
Outside Diameter (OD)	2" ±0.010"
Thickness	0.007"
Temperature Range	-40C to 100C

 **Ordering Information**

DISK-2 -  -  -

**CPR**

- 64 =EM1
- 100 =EM1
- 200 =EM1
- 400 =EM1
- 500 =EM1
- 512 =EM1
- 1000 =EM1
- 1024 =EM1
- 1800 =EM1
- 2000 =EM1
- 2048 =EM1
- 2500 =EM1
- 3600 =EM2
- 4000 =EM2
- 4096 =EM2
- 5000 =EM2
- 7200 =EM2
- 8000 =EM2
- 8192 =EM2
- 10000 =EM2

**ID**

- 093 =.093"
- 125 =.125"
- 375 =.375"
- 441 =.441"
- 472 =.472"
- 500 =.500"
- 551 =.551"
- 625 =.625"
- 750 =.750"
- 875 =.875"
- 984 =.984"
- 1000 =1.00"

**Index**

- NE =No Index, EM1  
*Compatible Only*
- IE =Index, EM1 & EM2  
*Compatible*

**Notes**

▸ US Digital® warrants its products against defects in materials and workmanship for two years. See complete warranty for details.