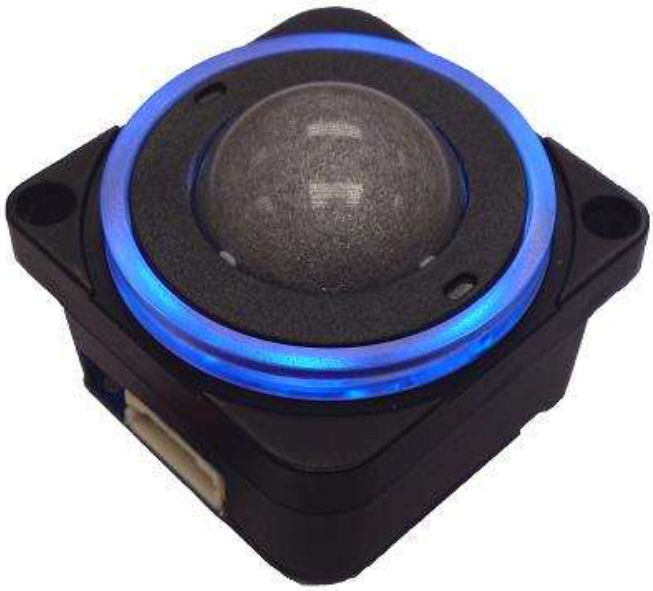
X25 Series – 25mm Laser Trackball, Panel Mount, USB & PS/2 Output HALO Light Feature



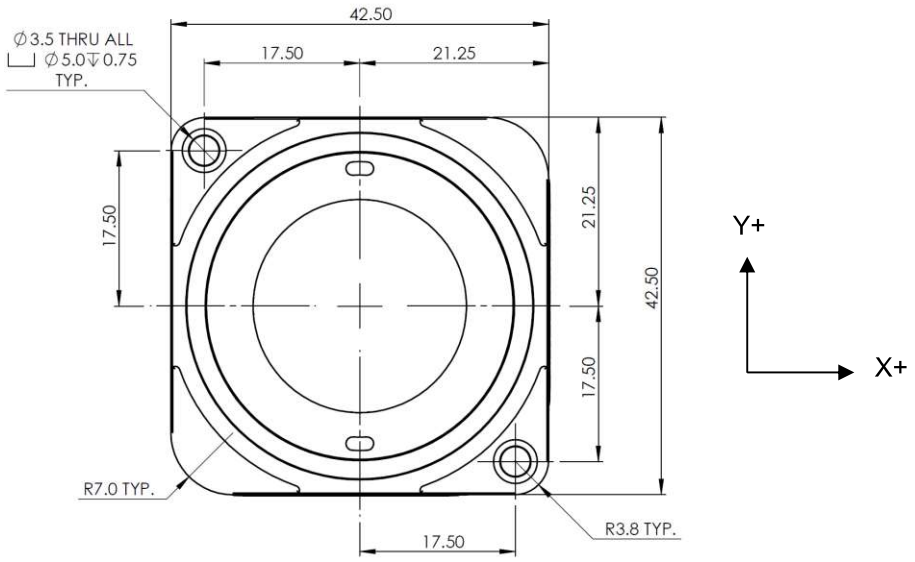
1. DESCRIPTION

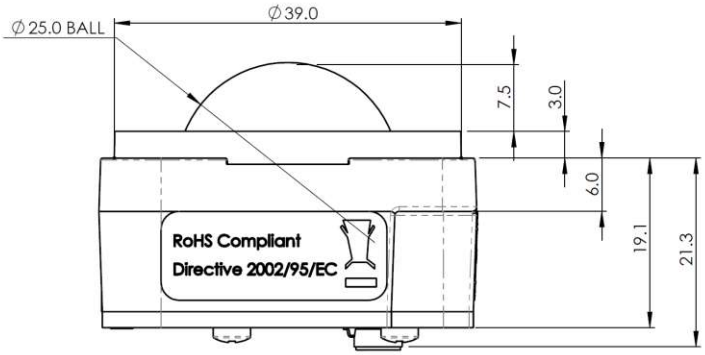
Utilizing the latest and most advanced laser tracking technology, the X25 HALO Series laser Trackerball™ is an extremely high specification, contact-less device, ideal for use in low level light environments where accurate cursor control is critical.
The trackball incorporates an illuminated ring around the ball to enable the user to locate the trackball in low light environments and offers an ideal solution for applications where a backlit ball would be too obtrusive. The HALO feature can also be used to compliment other backlit features incorporated within a user interface panel and is available in a wide range of colours.
The laser tracking engine provides accurate cursor motion at all speeds, combining the benefits of solid state sensing (no moving parts except the ball) with the aesthetics, functionality and performance associated with the Cursor Controls product range.
The design also incorporates a removable top ring as standard to allow for easy cleaning, decontamination, sterilisation and maintenance - ensuring continued optimum performance and operation under the harshest of conditions.
The X25 HALO Series trackballs are available with a variety of electrical outputs, tracking force options, and sealing capabilities up to IP68.
The trackball has been designed to be back of panel mounted as part of OEM keyboards and consoles.

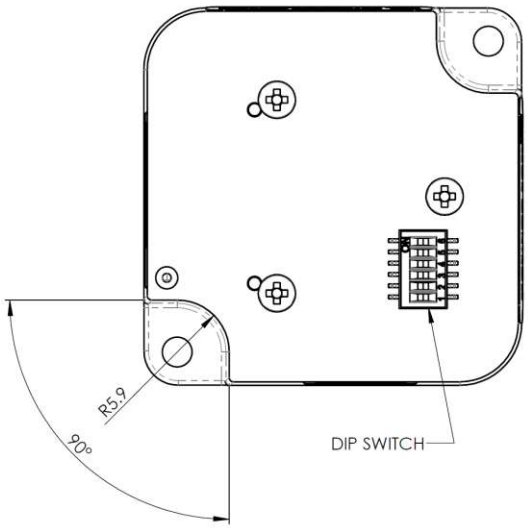
2. FEATURES

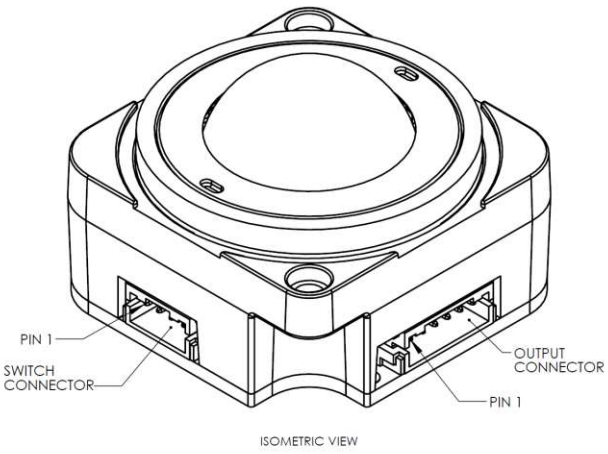
- Solid state sensing technology – laser tracking engine (Generation II)
- HALO light feature – various colours available
- Sealing up to IP68
- Outputs: USB & PS2 (auto-select)
- Smooth operation in rugged environments
- Various top plate configurations
- Custom connector options available
- Various ball colours available
- VX3™ – integrated zoom feature for scroll wheel functionality

8. DIMENSION DRAWING





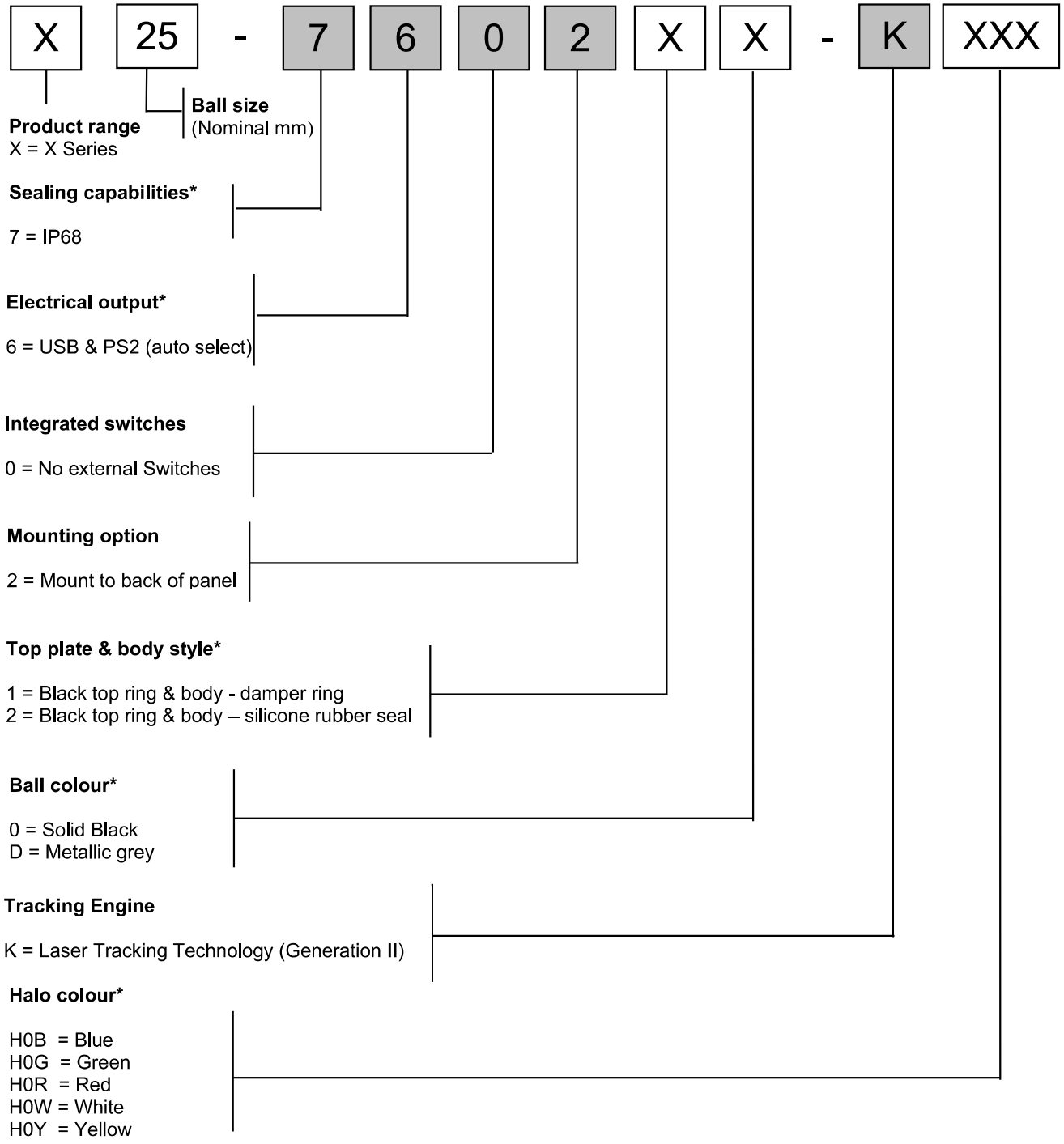




Dimensional drawing specifies factory default orientation.
All dimensions are in mm unless otherwise stated.
Tolerances +/- 0.25mm unless otherwise stated
Please note that an IGES model is available on request. Please contact your local sales office for more information.

9. PRODUCT ORDERING CODE SYSTEM

Please construct your standard product ordering code by selecting the numbers and letters to suit your specification:



*For further options please contact your local sales representative

9.1 Ordering Example

X25-76021D-KHOB: X25, IP68, USB & PS/2, no external switches integrated, mount to back of panel, black top ring & body - damper ring, metallic grey ball, laser tracking technology (Generation II), blue HALO light ring

10. LASER SAFETY INFORMATION

The X-series trackballs contain a single 840-870nm semiconductor laser. The device is designed such that it fulfills laser safety class 1 regulations according to IEC60825-1 edition 3.0, 2014.
The laser radiation emitted is invisible to the human eye.
Although not considered harmful, staring into the laser beam is not advised.
Deliver labels as given below with the product and include these labels in the product documentation:

Explanatory Label:
To be printed in the documentation, optional on the product

Invisible laser radiation

Take the following precautions to avoid hazardous exposure to laser radiation:

- Do not try to disassemble the trackball.
- Do not contact any leads other than those indicated in this specification

11. DOCUMENT HISTORY

Issue	Date	Author	Remarks
A	04/09/2020	N.S	NP1206: Document released