



**US Micro Products**  
*Electronic Products for the OEM*

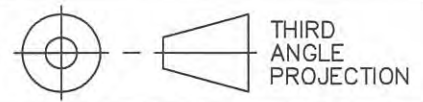
# TRACKBALL PRODUCT SPECIFICATION

<b>PART NUMBER:</b>	<b>USMP-DS43109</b>
<b>DESCRIPTION:</b>	38mm (1.5") Fascia Mounted Phenolic Trackball with three buttons.

ISSUE DATE	APPROVED BY (Customer Use Only)	CHECKED BY	PREPARED BY
<b>PROPRIETARY NOTE:</b>	THIS SPECIFICATION IS THE PROPERTY OF US MICRO PRODUCTS AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF US MICRO PRODUCTS AND MUST BE RETURNED TO US MICRO PRODUCTS UPON ITS REQUEST.		

DRAWING NUMBER  
DS43109

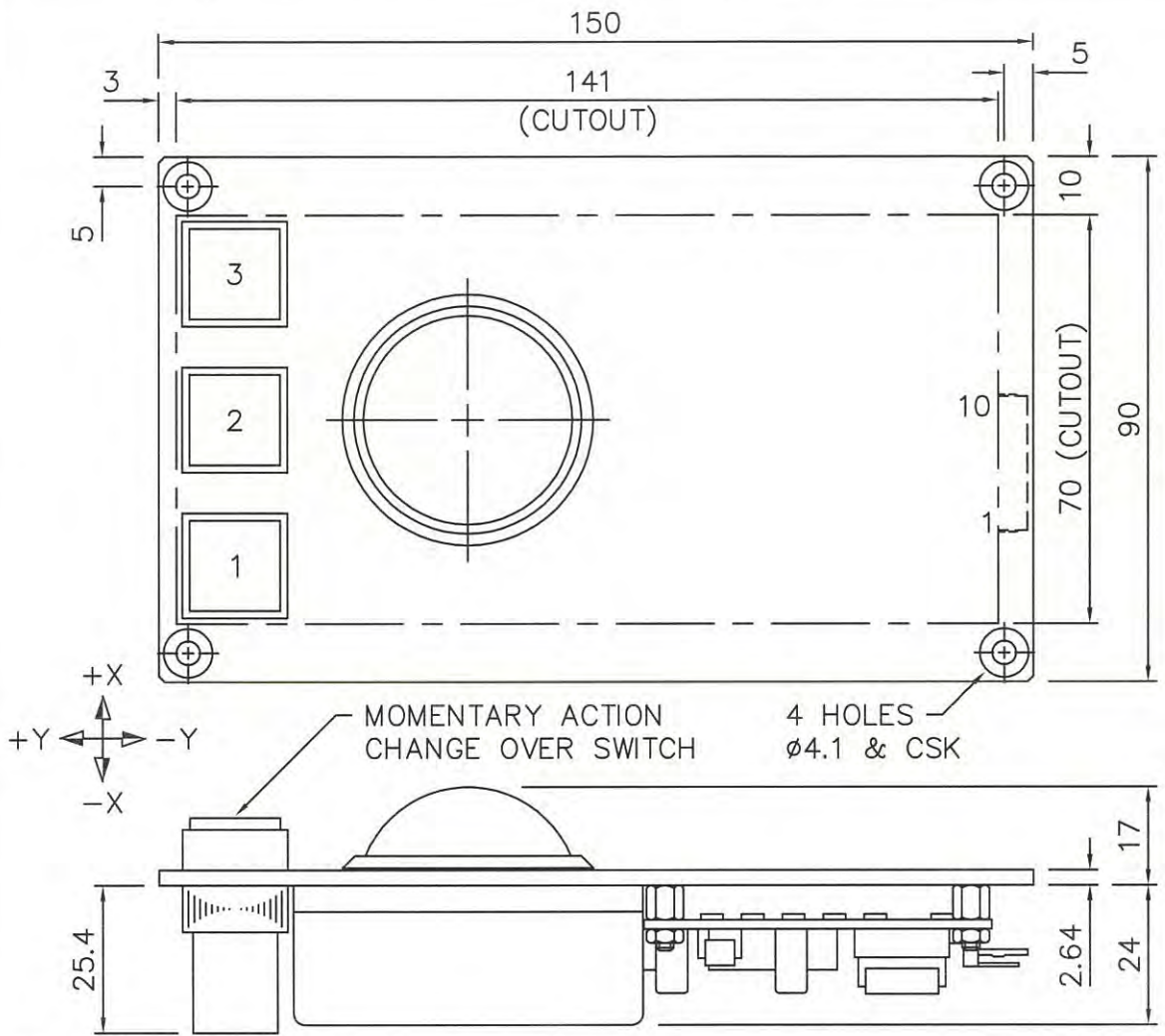
DATA SHEET



USED ON

D or CAT No

M.A/S.A



CONFIDENTIAL

SPECIFICATION

BALL ~ ø1.5" COLOUR: BLACK.  
 FACIA ~ 12 SWG MILD STEEL, ZINC PLATED & POWDER COATED TO BS00 A 07, FINE MATT TEXTURE.  
 RESOLUTION ~ 800 EDGES/REVOLUTION.  
 CONNECTOR ~ 10 WAY MALE, SQUARE PIN, 2.5 PITCH.  
 SUPPLY ~ +5V D.C ±5% @ 50mA MAX.  
 OUTPUT ~ RS232 LEVELS, FORMAT 22 (MICROSOFT), 1200 BAUD.

CONNECTION DETAILS

PIN	DESCRIPTION
1	0V GND
2	+5V
3	Tx
4	Rx
5	N/C
6	BUSY
7	N/C
8	SWITCH 1
9	SWITCH 2
10	SWITCH 3

ISSUE	5	5A	6	6A	6C	6D
DATE	22.9.95	5.2.96	8.8.97	17.2.98	11.1.02	08.10.09
CHANGE	CH8446.9	CH8446.10	ECN0646	ECN0698	ECN0947	ECN1610
MATERIAL	-		FINISH	-		TOL. ±0.5
						SCALE -
						DIMS mm

APP

CHKD

In North America  
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 www.usmicroproducts.com



DRAWN  
R.HARNETT

TITLE  
1.5" FACIA MOUNTED TRACKERBALL  
MICROSOFT (TBFA/38/U1/MSF)

SIZE  
A4

DRAWING NUMBER  
DS43109



## Displays

US Micro Products is an industrial distributor specializing in engineered display solutions. We dedicate ourselves to providing the best in displays for the medical, industrial, gaming, automotive, aerospace, military and consumer markets.

**OLEDs**



**TFT Display**



**Open Frame Monitors**



**Passive LCDs**



**Multitouch**



**Touch Screen**



As our customer, you receive expert knowledge, support and service. Our technical sales staff and experienced design engineers provide answers to your questions and engineered solutions to meet your display needs.

## Peripheral Devices

Our full line of peripheral devices includes keyboards, trackballs and printers. These rugged industrial products are designed to meet the rigorous demands of your equipment and are available in a variety of standard and custom options.

**Keyboards**



**Trackballs**



**Aerospace Trackballs**



**Printers**

