



US Micro Products
Electronic Products for the OEM

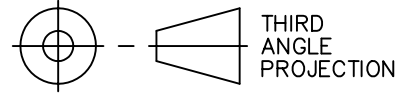
TRACKBALL PRODUCT SPECIFICATION

PART NUMBER:	USMP-DS509136
DESCRIPTION:	38mm (1.5") Fascia Mounted Anti-Vandal Stainless Steel Trackball with 2 Buttons.

ISSUE DATE	APPROVED BY (Customer Use Only)	CHECKED BY	PREPARED BY
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DRAWING NUMBER
DS509136

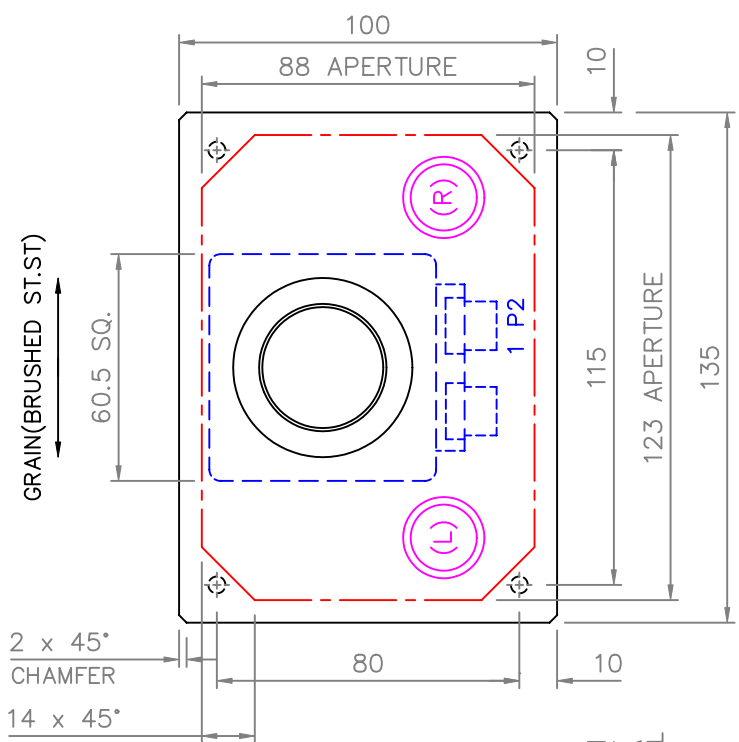
DATA SHEET



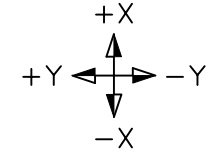
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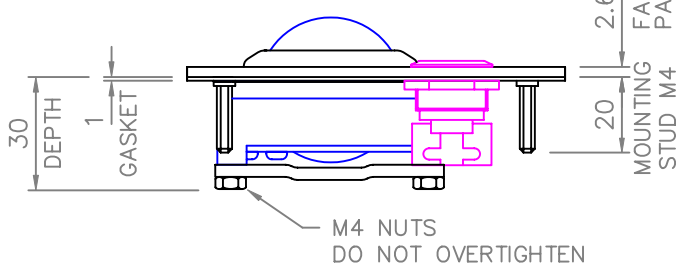
G.A:
GA78098



DEFAULT ORIENTATION



AXIS CONFIGURATION



CONNECTOR P2 DETAILS

PIN	DESCRIPTION
1	TX
2	N/C
3	BUSY
4	+5V
5	0V GND
6	EARTH GND

CONFIDENTIAL

TRACKERBALL SPECIFICATION

- RESOLUTION ~ 800 EDGES PER BALL REVOLUTION.
- CONNECTOR ~ 6 PIN, 90° HEADER, 2.5 PITCH, MOLEX 5046 SERIES.
- SEALING ~ RUBBER LIP SEAL ON BALL, FOAM GASKET FACIA SEAL.
- SUPPLY ~ +5V D.C. ±5% @ 50mA MAX.
- OUTPUT ~ RS232 LEVELS, MICROSOFT COMPATIBLE.

ANTI-VANDAL FEATURES

- Ø1.5" (38mm) STAINLESS STEEL BALL (POLISHED).
- 1.2mm STAINLESS STEEL BALL PROTECTING SHROUD.
- 12 SWG STAINLESS STEEL FACIA PLATE (NON-MAGNETIC).
- VANDAL RESISTANT STAINLESS STEEL PUSH BUTTON SWITCHES (IP67).
- 3mm STAINLESS STEEL, BALL IMPACT PLATE (10 JOULES).

ISSUE	1	1A	1B	2	2B			
DATE	4.3.04	22.9.04	20.1.05	21.1.05	12.10.06			
CHANGE	NEW DWG	ECN1214	ECN1218	ECN1212	ECN1416			
MATERIAL	-		FINISH		-		TOL.	SCALE 1:2
							±0.5	DIMS mm

APP
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DRAWN
R.HARNETT

TITLE
1.5" FACIA MOUNTED ANTI-VANDAL TRACKBALL (Tbfd-38-MSF)

SIZE
A4

DRAWING NUMBER
DS509136



US Micro Products

Electronic Products for the OEM

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