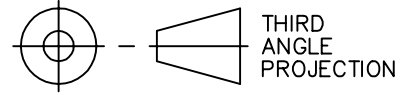


DRAWING NUMBER  
DS49080

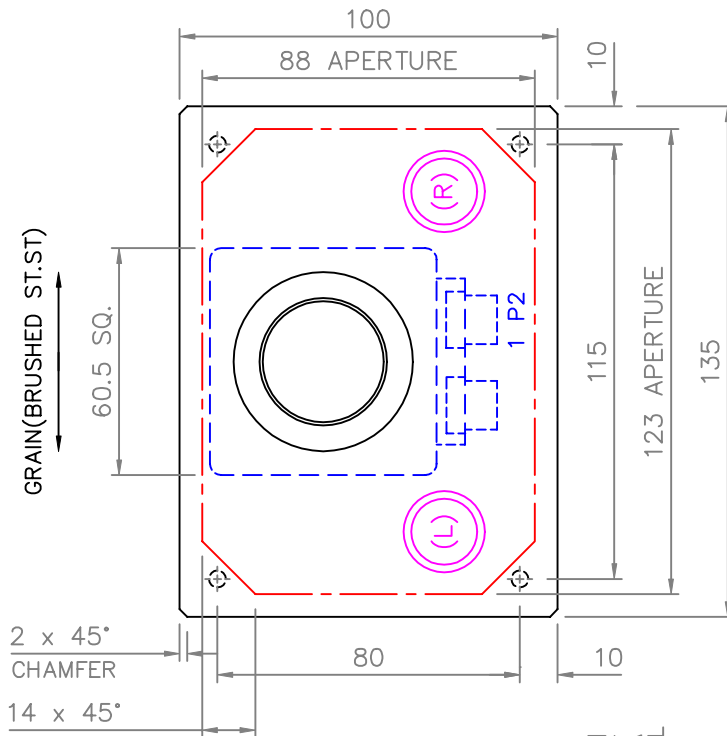
# DATA SHEET



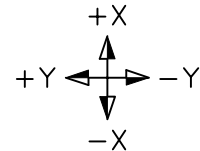
USED ON  
X1234

D or  
CAT No

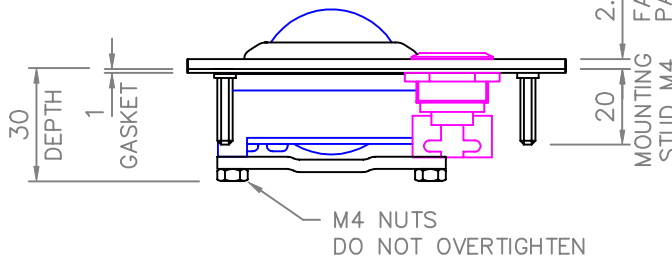
M.A/S.A



**DEFAULT ORIENTATION**



DIP SWITCH  
CONFIGURED AXIS  
DIRECTION



**CONNECTOR P2 DETAILS**

PIN	DESCRIPTION
1	- DATA/ (USB) DATA (PS2)
2	+ DATA/ (USB) CLOCK (PS2)
3	EARTH GROUND
4	+5V
5	SIGNAL GROUND
6	EARTH GROUND

**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 ~ AUTODETECTS TO EITHER PS2 OR USB DEPENDENT ON HOST.

**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	3	4	5	5A	6	6B	6C	7
DATE	3.2.00	19.3.01	2.5.02	27.11.02	23.4.03	21.9.04	19.1.05	21.1.05
CHANGE	ECN0838	MULTI-ECN	ECN1004	ECN1018	ECN0908	ECN1214	ECN1218	ECN1212

MATERIAL	FINISH	TOL.	SCALE
-	-	±0.5	1:2
			DIMS mm

APP  
*[Signature]*

CHKD  
*[Signature]*

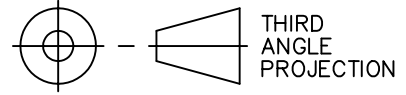


Esterline Corporation.  
Ringwood, Hampshire. BH24 1EU.  
Tel: +44 (0) 1425 463100  
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www.traxsys.com

DRAWN PRJM	TITLE Ø1.5" FACIA MOUNTED ANTI-VANDAL TRACKERBALL	SIZE A4	DRAWING NUMBER DS49080
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DRAWING NUMBER  
DS509136

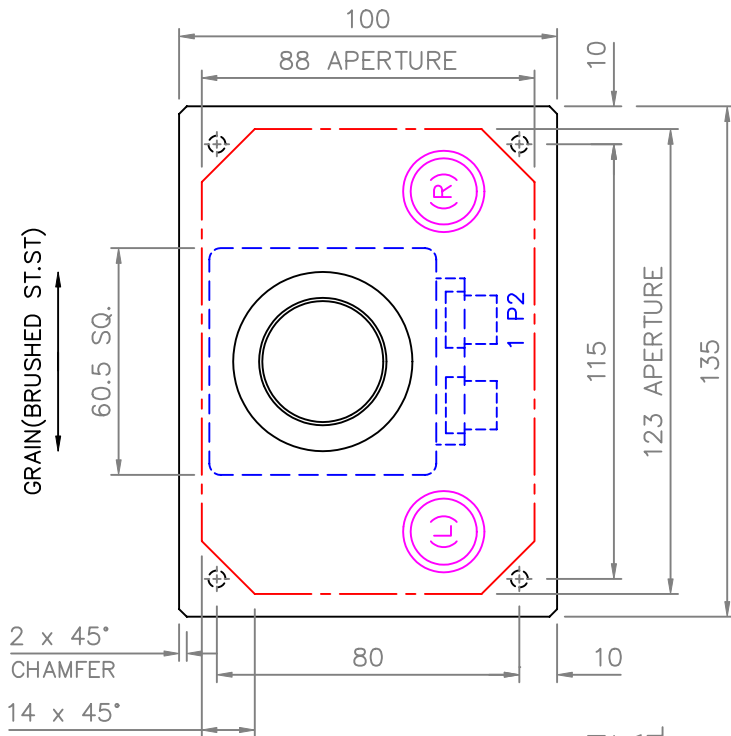
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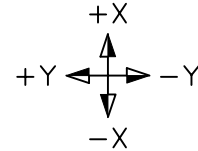
USED ON  
X1305

D or  
CAT No

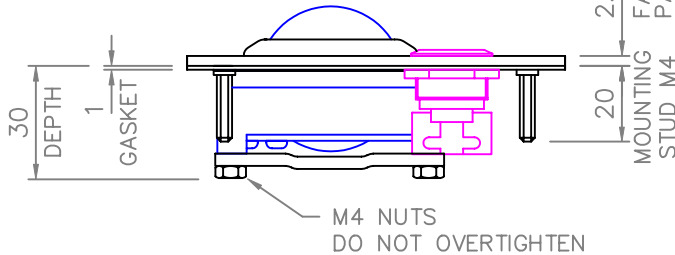
M.A/S.A



DEFAULT ORIENTATION



AXIS CONFIGURATION



CONNECTOR P2 DETAILS

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

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

APP

CHKD



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 Fax: +44 (0) 1425 463111  
 www.traxsys.com

DRAWN  
R.HARNETT

TITLE  
Ø1.5" FACIA MOUNTED  
ANTI-VANDAL TRACKERBALL

SIZE  
A4  
DRAWING NUMBER  
DS509136