

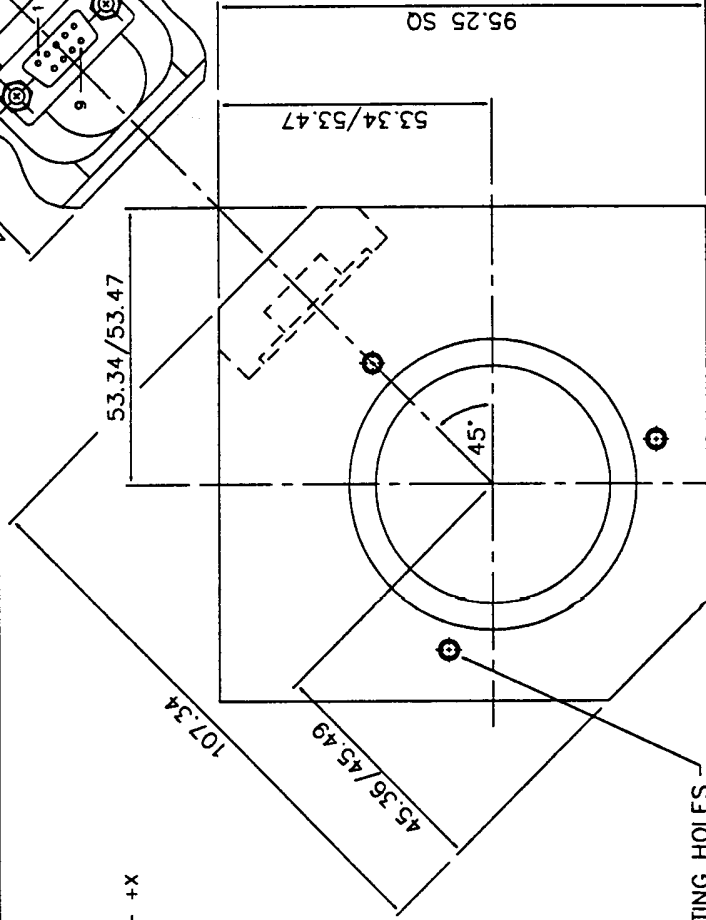
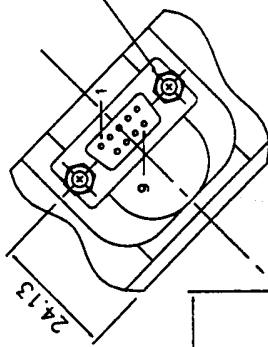
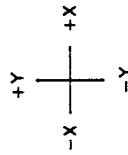
DRAWING NUMBER
DS48307

3rd ANGLE PROJECTION

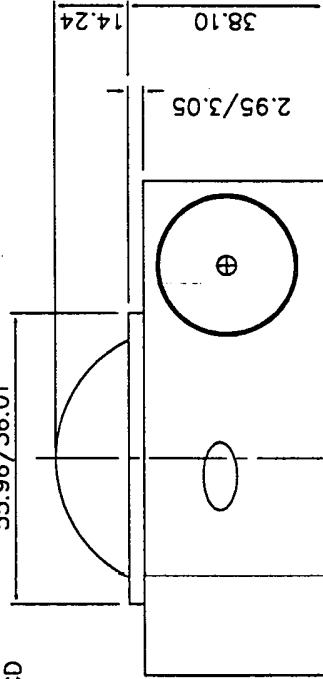
USED ON
L61360

D or
CAT.No

M.A./S.A.



3 MOUNTING HOLES
M4 x 0.7, DEPTH 10.0
EQUI-SPACED ON 66.1 PCD



SPECIFICATION

BALL — $\varnothing 2.0"$ COLOUR: YELLOW.
 BODY — ALUMINUM ALLOY (ANODISED).
 RESOLUTION — 800 EDGES PER BALL REV.
 PULSE FREQUENCY — 50KHZ.
 SUPPLY — +5V $\pm 5\%$ @ 120mA.
 OUTPUT — TTL COMPATIBLE SQUARE WAVE,
 WITH TWO CHANNELS A & B
 DISPLACED BY $90^\circ \pm 60'$.
 CHANNEL A LEADS CHANNEL B
 FOR +VE BALL DISPLACEMENT.
 LOGIC 1 — 2.7V MIN.
 LOGIC 0 — 0.8V MAX.

CONNECTION DETAILS

PIN	DESCRIPTION	COLOUR
1	+5V	RED
2	X CHANNEL A	YELLOW
3	X CHANNEL B	BLUE
4	Y CHANNEL B	YELLOW
5	Y CHANNEL A	BLUE
6	N/C	—
7	N/C	—
8	N/C	—
9	0V GND	BLACK

NOTE:

1/ MOUNTING PLANE SHOULD NOT EXCEED 30°
 FROM THE HORIZONTAL. IF THE UNIT IS INCLINED
 THE BALL SHOULD REST ON THE ENCODER DRIVE
 SHAFT.

APP.	MATERIAL	SEE SPEC.	FINISH	CLEAN	TOL.	± 0.13	SCALE 1:1	ISSUE	9	9A	9B
CHKD.							DIMNS MM	DATE	25.2.92	8.1.93	16.2.93
DRAWN								CHANGE	CH7178.24	CH7178.25	CH7178.26
R.HARNETT							TITLE	STANDARD LPTB2/200/D LOW PROFILE TRACKERBALL			
	PENNY + GILES		Penny & Giles Computer Products LTD Christchurch Dorset. Tel (0202) 481751				SIZE	DRAWING NUMBER A3 DS48307			