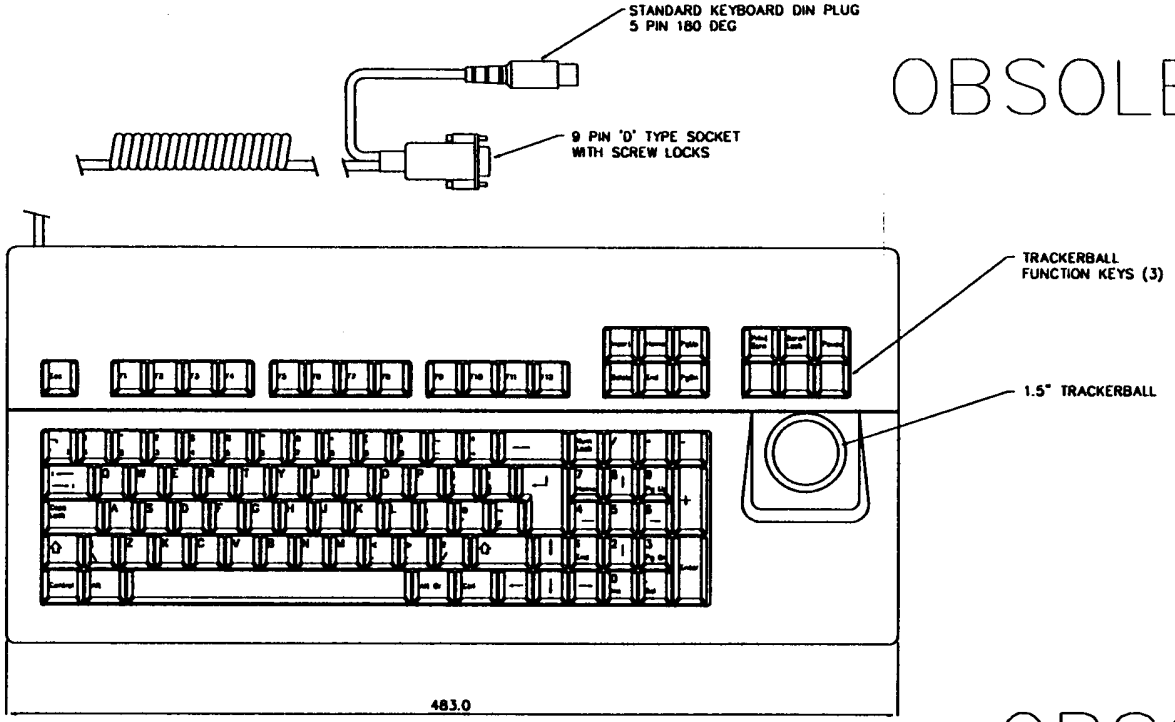
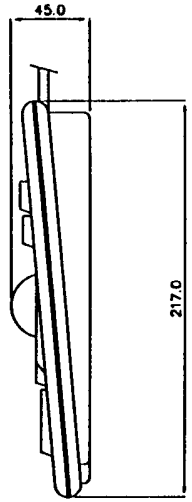
D48003	3rd ANGLE PROJECTION



OBSOLESCENT



OBSOLESCENT

OBSOLESCENT

SPECIFICATION (KEYBOARD)

A.B.S CASE~ COLOUR PEARL WHITE
KEYS~ 102+3
NORMALLY OPEN CONTACT
50 MILLION OPERATIONS
COLOUR LIGHT & DARK GREY
OUTPUT~ IBM 'AT' MODE
INPUT~ 5v DC

SWITCH SETTINGS

DIP SWITCHES ON
REAR OF KEYBOARD

FUNC.	SW1	SW2
AT	ON	ON
PC/XT	ON	OFF
ASYNC	OFF	OFF

NOTE~ SWITCHES MUST ONLY
BE CHANGED WITH POWER
TURNED OFF.

SPECIFICATION (TRACKERBALL)

1.2" DIA BALL~ COLOUR BLACK
RESOLUTION~ 200 COUNTS PER BALL REV.
OUTPUT~ MICROSOFT FORMAT
1200 BAUD
RS232 LEVELS (1 START BIT, 8 DATA BITS, 1 STOP BIT)
INPUT~ 5v DC

MICROSOFT FORMAT

BIT	7	6	5	4	3	2	1	0
BYTE1	1	1	L	R	Y7	Y6	X7	X6
BYTE2	1	0	X5	X4	X3	X2	X1	X0
BYTE3	1	0	Y5	Y4	Y3	Y2	Y1	Y0

LR = LEFT, RIGHT SWITCH (0 = KEY DEPRESSED)
X0 - X7 = X DIST TWO'S COMPLIMENT, VALUE -128 TO +127
Y0 - Y7 = Y DIST TWO'S COMPLIMENT, VALUE -128 TO +127

CONNECTORS~ STANDARD KEYBOARD 5 PIN DIN PLUG.
& 9 WAY 'D' TYPE SOCKET WITH SCREWLOCKS
FITTED WITH 1.5M COILED CABLE

PIN ALLOCATIONS

5 PIN DIN PLUG

1	CLK
2	DATA
3	N/C (RESET)
4	0V
5	+5v DC

9 WAY 'D' TYPE SOCKET

2	Rx (MOUSE OUTPUT)
3	Tx (MOUSE INPUT)
4	DTR
5	0v
7	RTS

ALL OTHER PINS N/C

MATERIAL	FINISH	TOLERANCES UNLESS OTHERWISE STATED.	ISSUE	1
SEE SPEC.	CLEAN	+/- 1.0mm	DATE	11.10.90
			CHANGE	CH42

PENNY + GILES

Penny & Giles
Computer Products LTD
Christchurch Dorset.
Tel (0202) 481751

SCALE 1:2	TITLE	SIZE	DRAWING NUMBER
DIM'S IN MM	KEYBOARD PLUS STANDARD	A2	D48003

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