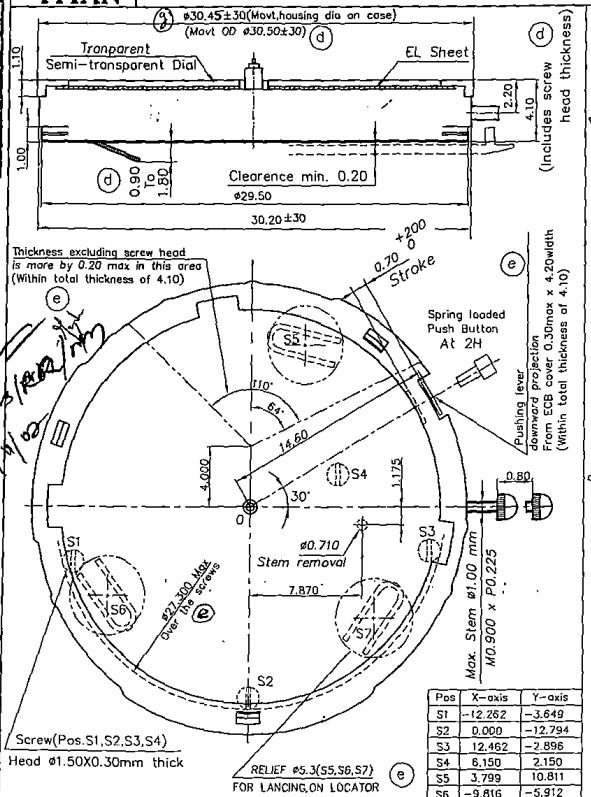
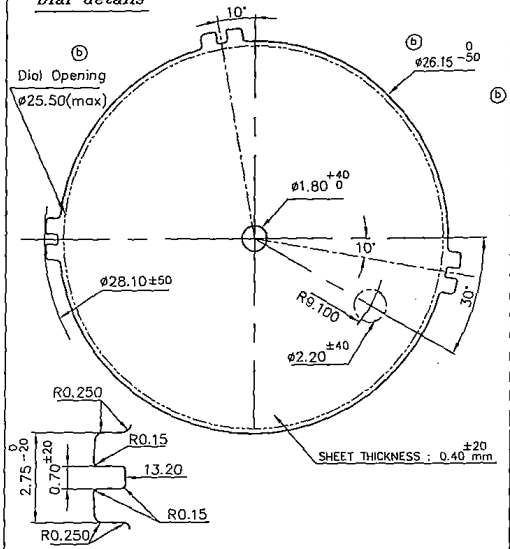
TITAN — TECHNICAL DATA FOR TITAN EL MOVEMENT (CAL T 7365)

D&D
In Date 30/11/07



Pos	X-axis	Y-axis
S1	-12.262	-3.649
S2	0.000	-12.794
S3	12.462	-2.896
S4	6.150	2.150
S5	3.799	10.811
S6	-9.816	-5.912
S7	8.735	-7.416

Dial details

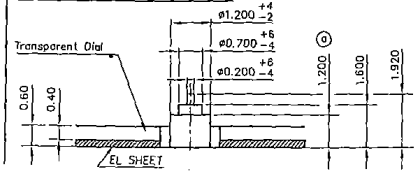


NOTE: 1) Dial is SemiTransparent/transparent plastic dial
2) minute marking and TITAN logo to be printed on the dial
3) Push Button & Stem are at the same height (2.2 from the top surface of the dial spacer/Dial holder)
4) No separate movement Holder is required Movement holder is integral part of movement
5) Push button in the case should have spring
6) Date position on the dial has been indicated (Not hole) For printing purpose.(optional)

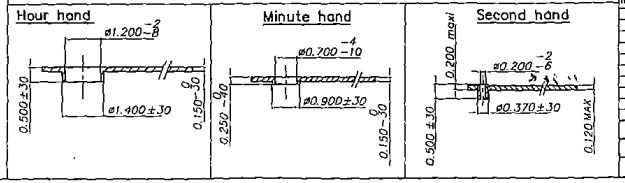
Movement size		13 1/2 "'(30.50 mm)	
Functions		3 hands+date at 4H+EL	
EL Colour		GREEN	
Thickness		4.10 mm	
Stem height		2.20 mm	
Push Button Height		2.20 mm	
No. of jewels		4	
Type of IC		C-MOS-LSI	
Light Intensity		9~11 Lux	
Quartz frequency		32,768 Hz	
Accuracy		±20 sec/month	
Pulse rate		1 pulse per Second.	
Coil resistance		2.90 KOhms	
Current consumption (When EL is OFF)		0.65uA(min.) ~ 1.90 uA(max.)	
Current consumption (When EL is ON)		8 mA (min.) ~ 11 mA (max.)	
Torque at Second hand		3.5 uNm(min.)~ 6.0 uNm (typ.)	
Effective temperature range		0 to +55°C	
BATTERY	Type	SR 920 W (High Drain)	
	Size	ø9.5 x 2.1 mm	
	Voltage	1.55 V	
	Capacity	39 mAh	
	Life (theoretical)	2 Years (3 times EL/Day)	

HANDS	DESCRIPTION		MINUTE	SECOND
	Imbalance mg.mm		60	15
	inertia mg.mm^2		500	250
	Weight mg (max).		12	7
	Length mm (max)	Brass	13	15
		Dural	18	20

Hand fitting dimensions



Hand details



Index	Observations	Sign.	Date
e	Pushing lever projection, ø over screws, lancing & Movt.thickness detail added	KJ	03.08.07
d	movement housing dia on case included.screw details added at posS1,S2,S3,S4. Dim 0.90TO 1.90 was 0.90	KJ	03.05.07
c	movement representation corrected,thk was 4.00mm, Ep 30.70, h1.10 added and h1 1.00 was 0.65.	SKM	13.01.07
b	T7365 to T7378	VR	06.08
a	Dim ø30.45±30 was ø30.43 ±30 mm		30.6.07

T-2572

	Prepared	Checked	Approved
Name	K.J		
Date			04/08/07

TITAN INDUSTRIES LIMITED HOSUR 635 126

\\Krishna\EL7378\technical sheet 7378(c).dwg