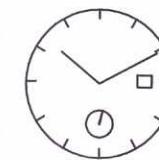


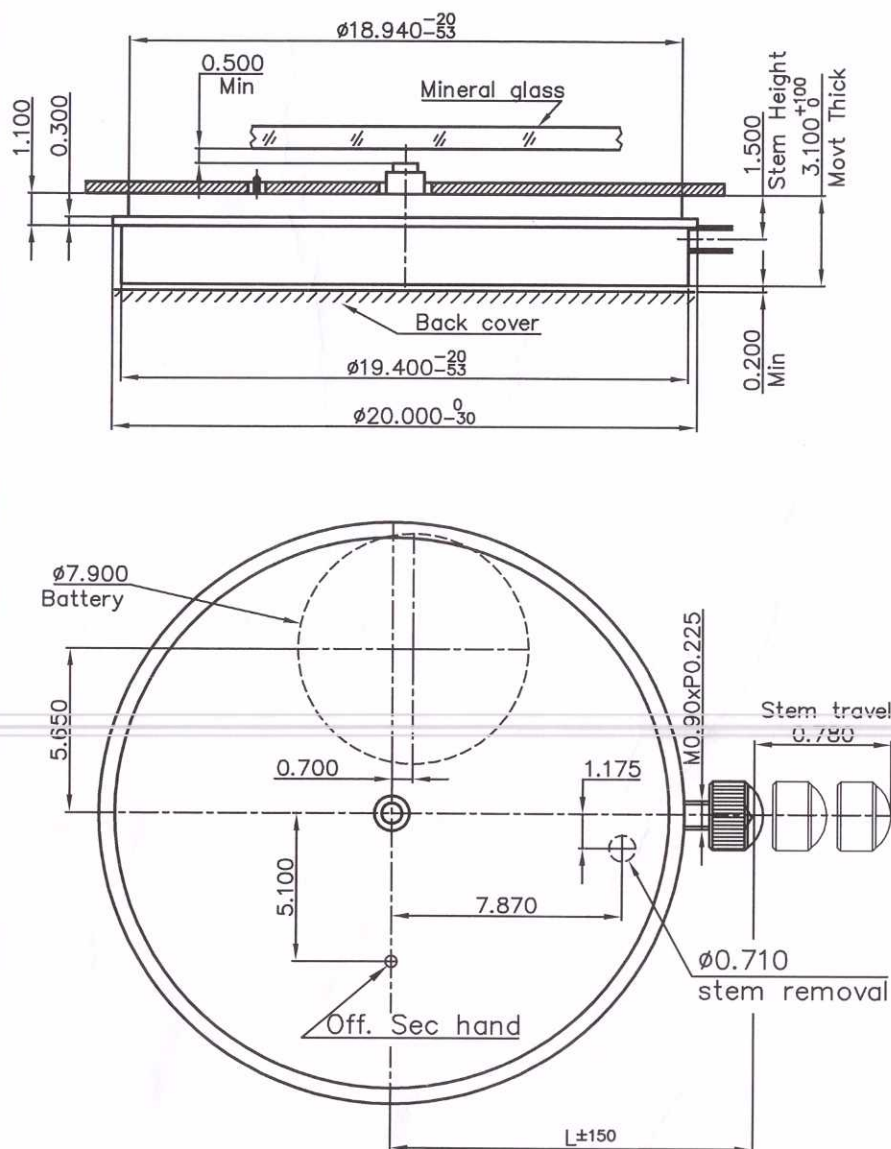


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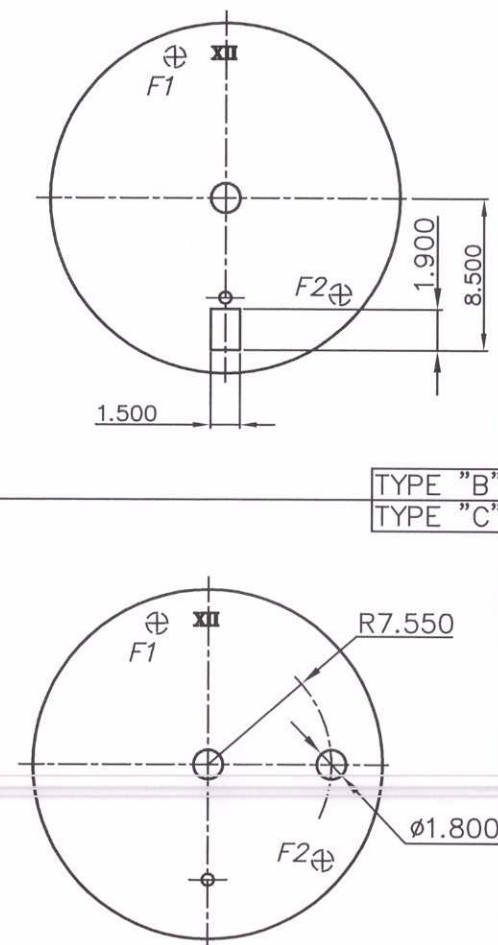
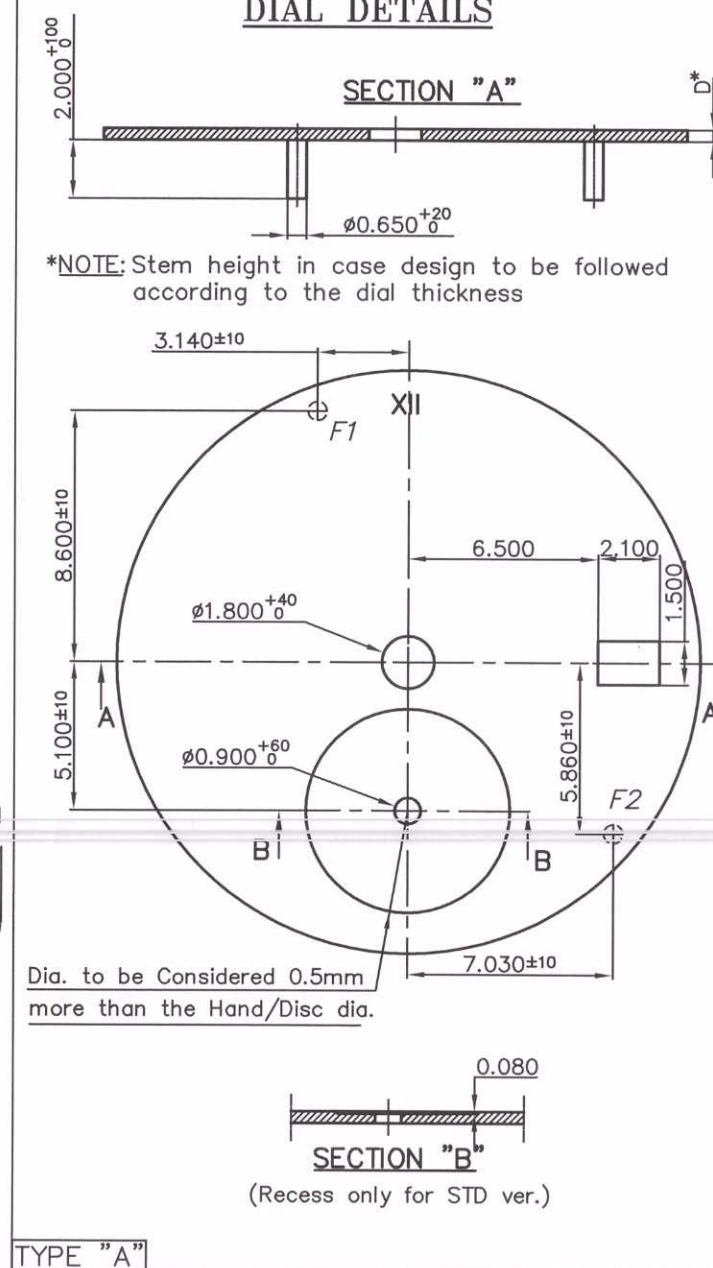
TECHNICAL DATA FOR CAL.70210



CASING DETAILS



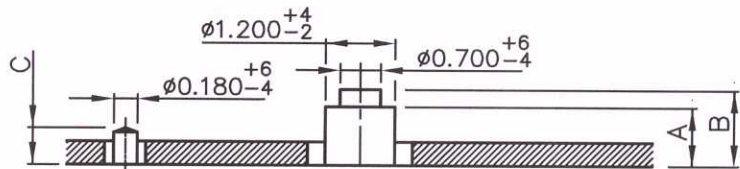
DIAL DETAILS



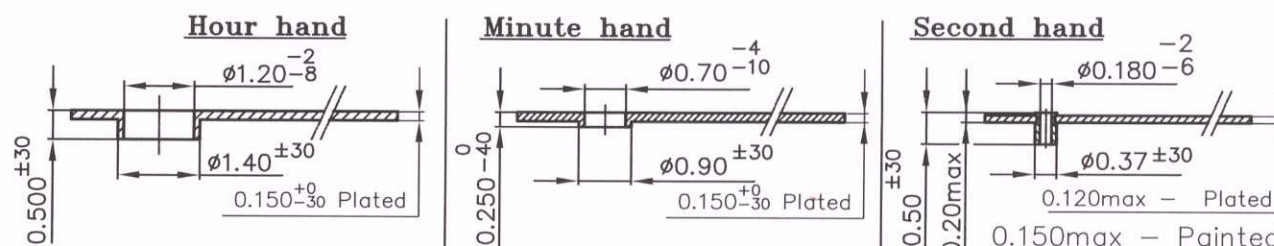
Stem	L(mm)	Stem(ref) length(mm)	Stem thread length from crown fitting side	Stock No
STD	21.800	18.620	12.400	2704153
L1	23.150	20.000	8.000	2704161
L2	27.150	24.000	12.010	2704162
L3	28.150	25.000	13.010	2704173

Hand fitting dimensions

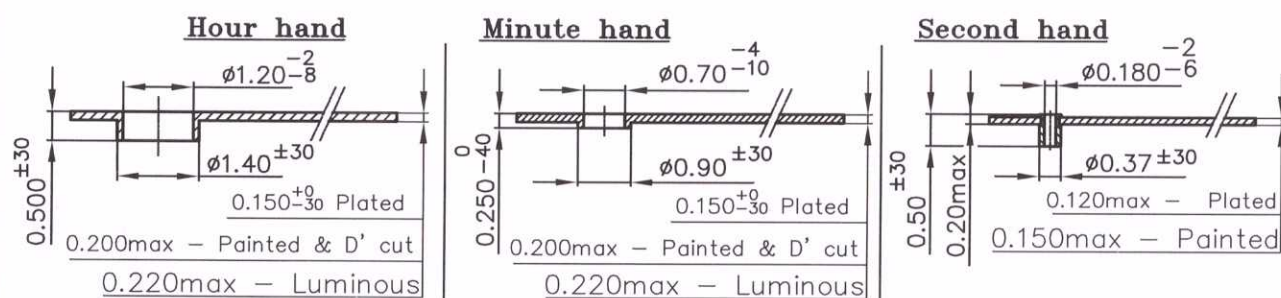
Calibre	A	B	C	*D ± 20
STD	1.150	1.450	0.650	0.400
H1	1.300	1.700	0.880	0.550 Max



Hand details for STD version



Hand details for H1 version



Movement size	8 3/4" (19.40mm)
Functions	2 hands + offset sec.hand (6H) + Date
Thickness	3.10 mm
Stem height	1.50 mm
No. of jewels	3
Type of IC	C-MOS-LSI
Quartz frequency	32,768 Hz
Accuracy	-10/+20 sec/month
Pulse rate	1 pulse per second
Coil resistance - $k\Omega$	2.90
Current consumption - μA	1.40 (Typ) - 1.90 (max)
Torque at Sec. hand - μNm	3.50 (min) - 4.50 (Typ)
Effective temperature range	0 to +55°C

Shock Resistance	As per NIHS 91/10
Resistance to magnetic field	As per NIHS 90/10
POWER CELL	
Type	SR721SW
Size	$\phi 7.9 \times 2.10$ mm
Voltage	1.55 V
Capacity	25 mAh
Life (theoretical)	24 months

DESCRIPTION	MINUTE HAND	SECOND HAND
Imbalance mg.mm	60	15
Inertia mg.mm ²	500	250
Weight mg (max).	12	7
Length mm (max)	Brass	13

Notes : 1) All dimensions are in mm.
2) Tolerances are in μm .
3) Clearance MG to MH top increased 0.500, should consider from new case designs

q)	Hands Details updated	16.8.18	SK
p)	High version 1 added	23.5.16	RTMK
	Movt thick 3.100 +100/+0 was 3.100mm;		
	Hands details updated; Stem details updated		
	Clearance MG to SH top 0.500 was 0.400;		
n)	hands & power cell details updated	30.04.13	velu
Index	Alterations	Date	Sign
	Prepared	Checked	Approved
Name	J. Jeyaraj	Jeyaraj	
Date	16/8/18		16/8/18

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K:\Drawings\Tech data\TCL\70210.dwg

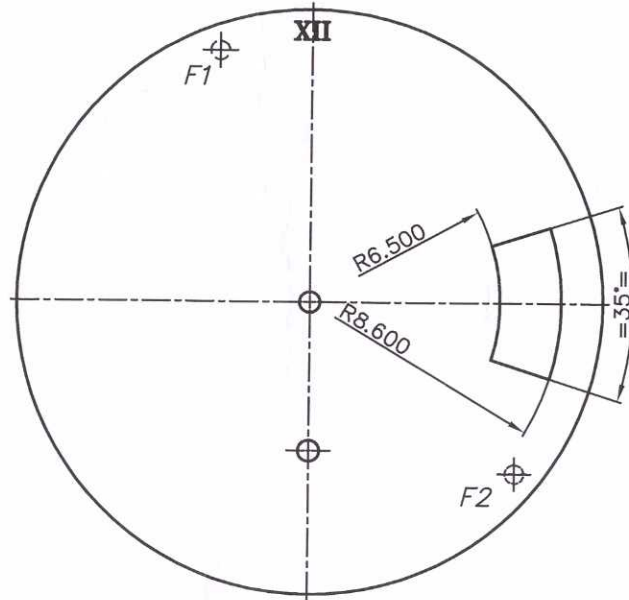
T-2426 q)

Sheet 1 of 2

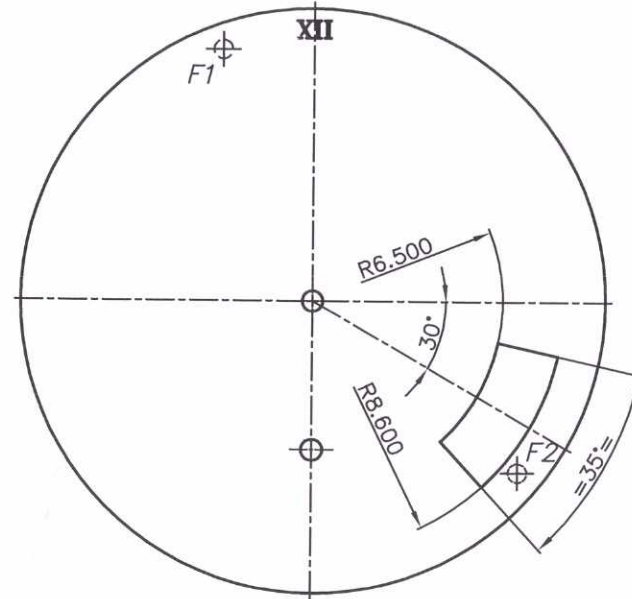
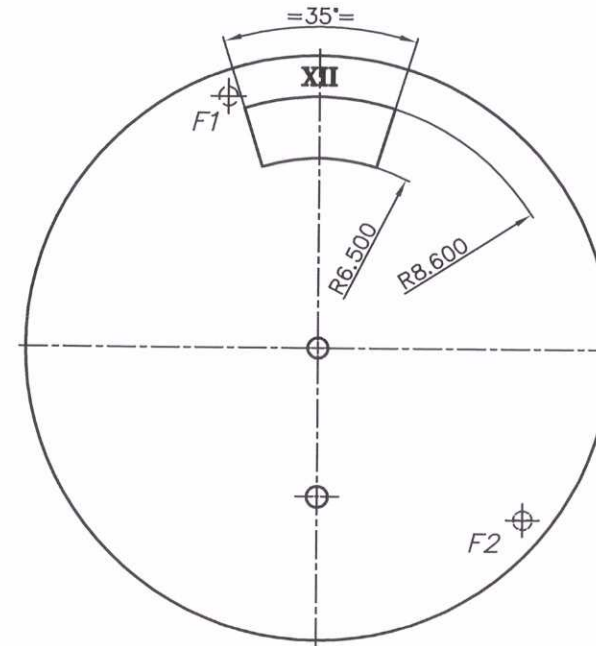


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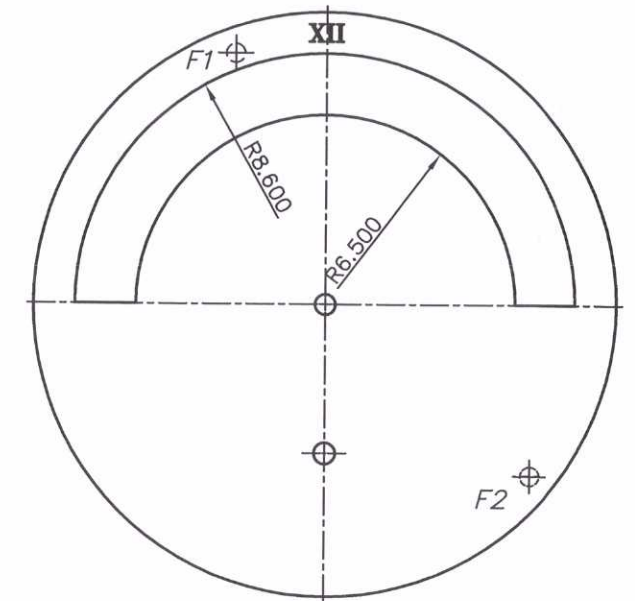
TECHNICAL DATA FOR CAL.70210



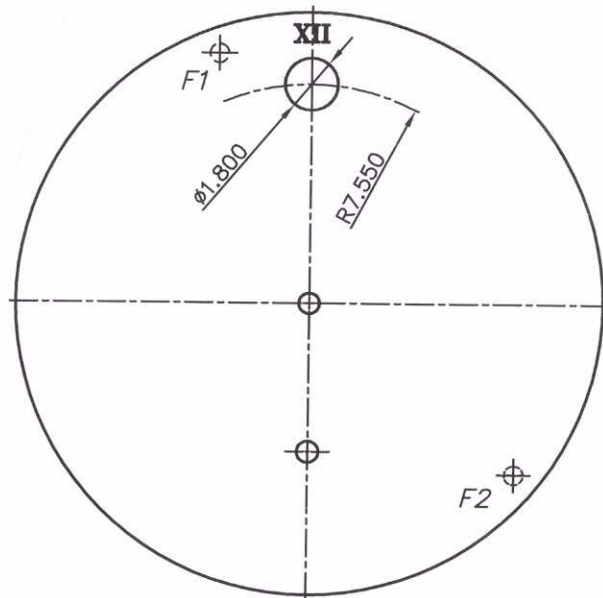
TYPE-E

TYPE-F
TYPE-J

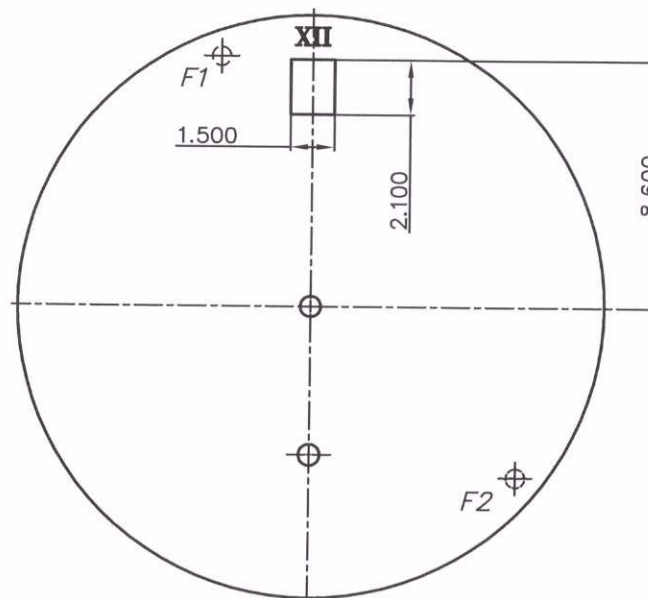
TYPE-G



TYPE-H



TYPE-I



*For other details refer "Type A"
*Recess to be considered only for STD ver.

K: \Drawings\Tech data\TCL\70210.dwg

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M) Dial type 'J' added; Hour hand thick 0.150±30 was 0/-30; Min hand thick 0.150±30 was 0/-30; OSH thick & boss ht 0.120 0/+30 was 0.120max & 0.500±30 was 0/-30; Jewels details updated; Stem details updated.			
Index	Alterations	Date	Sign
	Prepared	Checked	Approved
	Name		
	Date		

T-2426 q)

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