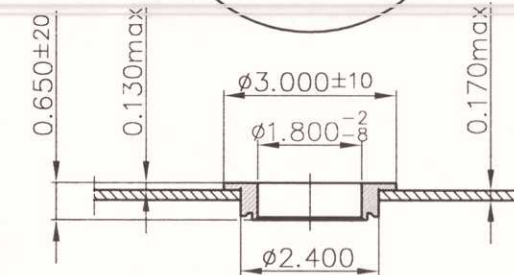
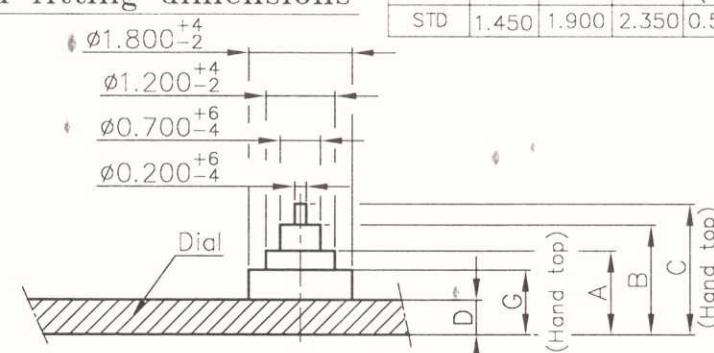




An analog clock face with two concentric circles. The outer circle has tick marks for every minute. The inner circle has tick marks for every hour. The hour hand is slightly past the 10, and the minute hand is pointing at the 2.

Hand fitting dimensions

Calibre	A	B	C	D(Max)	G
STD	1.450	1.900	2.350	0.500	1.000



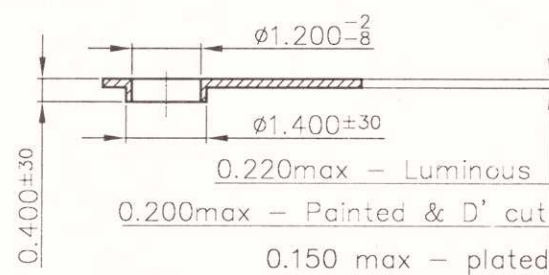
- Material: Polycarbonate
- Date to be print in counter clockwise direction

Technical drawing of a stepped shaft. The drawing shows a shaft with a central step. The total length of the shaft is 0.650 ± 30 . The diameter of the central section is $\phi 1.800 \pm 0.02$. The diameter of the outer sections is $\phi 2.000 \pm 30$. The height of the step is 0.170 max . The drawing includes hatching for the cross-sections and dimension lines with arrows indicating the measurements.



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

Hour hand



0.250 ± 30
 $\phi 0.700^{-4}_{-10}$
 $\phi 0.900 \pm 30$
 0.220max – Luminous
 0.200max – Painted & D' cut
 0.150 max – plated

$\phi 0.200^{-2}_{-6}$
 0.00 ± 30
 0.00 max
 0.150 max - Painted
 0.120 max - plate

Note: Use Aluminum material only

Movement size	11 1/2 X 9 1/2'''(ø25.60x23.10 mm)	
Functions	3H + Date by center disc / Hand	
Thickness	4.10 mm(Including battery)	
Stem height	2:55 ^c mm	
No. of jewels	01	
Type of IC	MCU	
Quartz frequency	32,768 Hz	
Accuracy	±20 sec/month	
Pulse rate	1 pulse per second	
Coil resistance	2.90 kΩ	
Current consumption	*1.25 uA(min) – 2.20 uA(max)	
Torque at Second hand	3.5 μNm(min) – 6 uNm(Typ)	
Effective temperature range	0 to +50°C	
Resistance to magnetic field	As per NIHS 91/10	
	Type	Amorphous Silicon solar cell
	Size	ø23.60 x 0.20 (T)
	No. of segments	04
	Application	Indoor & outdoor

Light intensity in LUX	Time Required for full charge	
	Environment	Half opaque dial
100,000	External bright sun light	* 03 Hrs.
10,000	External cloudy	* 10 Hrs.
500	Office lighting	* 250 Hrs.

RECHARGEABLE BATTERY	Type	MT920 (Lithium Ion battery)		
	Size	Ø9.50 X 2.1 mm		
	Voltage	1.50 V		
	Capacity	5.5 mAh		
	Life (theoretical)	*4 months (After fully charged)		
	Battery clamping	Positive (top clamp)		
	HANDS	DESCRIPTION		MIN. HAND
Imbalance mg.mm		60	15	
Inertia mg.mm ²		500	250	
Weight mg (max).		12	7	
Length mm (max)		Brass	13	—
		Dural	—	14

Notes: 1) All dimensions are in mm.
2) Tolerances are in μm .
3) T7S23M – Upgraded movt with MCU
4)*Values will be reviewed after bulk production.
5) Power saving mode is available
6) Hand details updated

Index	Alterations	Date	Sig.
a	ESD lever pos modified	24.4.15	RTMK

	Prepared	Checked	Approved
Name	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Date	24/4/15		

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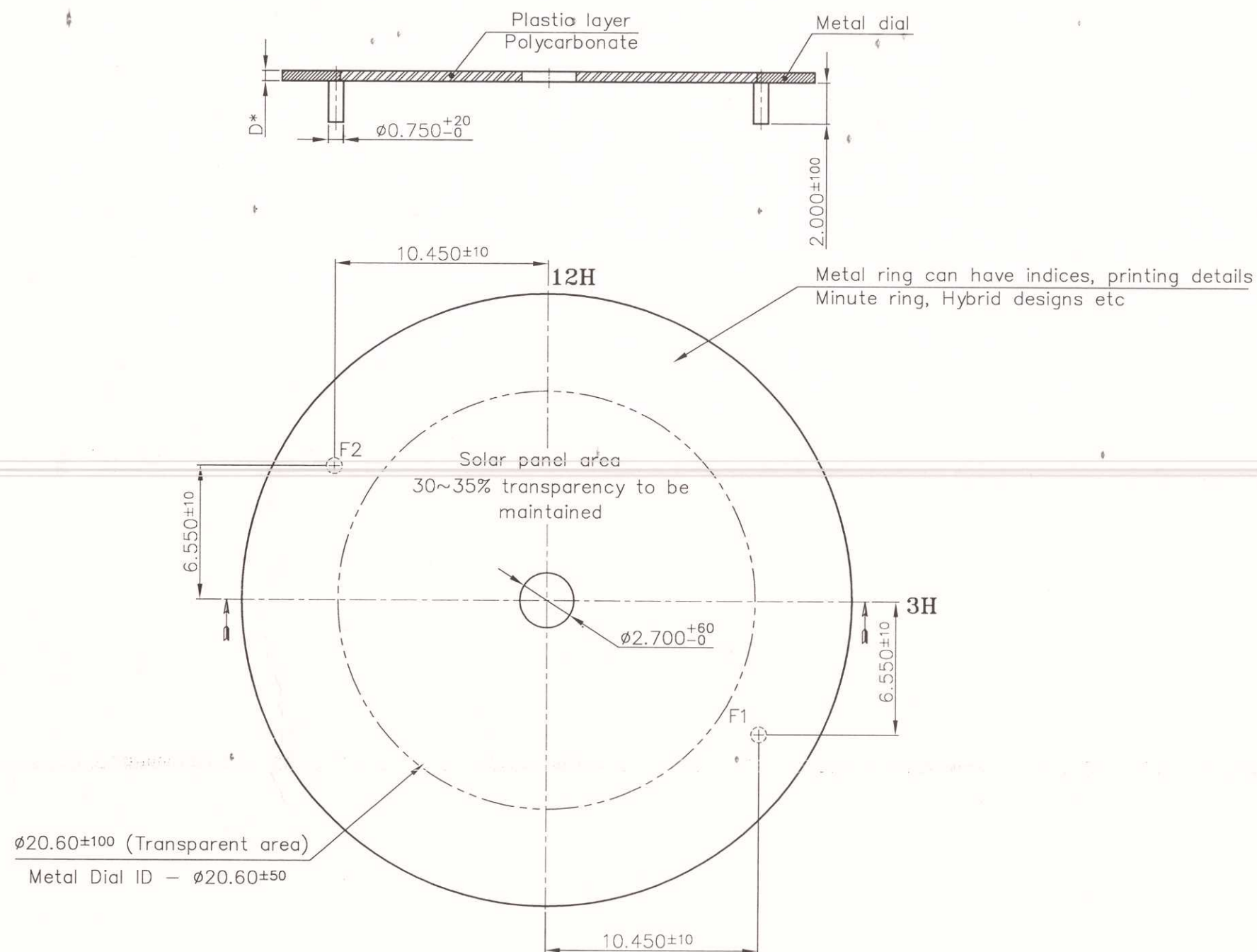
Sheet 1 of 2

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An analog clock face with two concentric circles. The outer circle has 12 tick marks representing hours. The inner circle has 60 tick marks representing minutes. The hour hand is positioned between the 1 and 2 o'clock marks, closer to the 2. The minute hand is pointing exactly at the 10 o'clock position.

DIAL DETAILS



NOTE:

- Indices printing/appliques should not cover more than 10% of the solar panel area (Transparent area)
- 30~35% dial transparency indicated by assuming MG transparency is 90% & above

Index	Alterations	Date	Sign

T-22

		Prepared	Checked	Approved
Name				
Date		29/4/15		

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5

T-2747

Sheet 2 of 2

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