

$\frac{1}{2}$ 

	0.1	A	B	C
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$\varnothing 1.05 - 1.15$
[0.4134 - 0.4528]

\oplus	\varnothing 0.05 (M)	B (M)
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D

17 15 —
see Note 8

4xR 4.0 [0.157]

18

see Note 12

2.5[0.098]

$$\begin{array}{c} 4 \\ 4 \ 5 \ [0 \ 177] \end{array}$$

0.20 – 0.24 –
[0.008 – 0.010]

1. Dimensions after etching and plating. Dimensions tolerance ± 0.1 [0.004]. All dimensions and tolerances are expressed in mm [inch].
2. Printed board assembly type 2, class 2, level B as per IPC-D-325A.
3. Class 2 assembly acceptability requirements as per IPC-A-610.
4. Grid system for components placement and holes is 0.1 [0.004].
5. Dimensions shown specify maximum envelope limits of the finished product. Maximum overall assembly thickness: 2.6 [0.120].
6. Assembly contains ESD sensitive devices; static-free handling is required.
7. Assembly shall comply with the ROHS Regulations requirements.
8. The assembly is first tested w/o the battery soldered; the battery is soldered on the PCB after passing this test.

Battery orientation is marked by a (+) sign on the silkscreen (top).
Use item 17 to glue the battery on the flexible PCB; see instructions 950181.

- BOM Postag PT30, Cmp. Assy. - doc. 700304 rev 2.
- Electrical schematic Postag PT30 - dwg. 900730 rev 2;
- Test Procedure Postag PT30 - doc 950180 rev -;
- Technological Instructions, Postag PT30 - doc 950181 rev -;
- Embedded Software, Postag PT30 - doc 700305 rev X.

10. Balooned numbers signify the item of the BOM.
11. Weight complete assembly - typical 7.5g; max. 8.5g.
12. Use encapsulant (item 17) to protect the components area marked on silkscreen.
13. Label (item 19) shall be placed directly on the flexible PCB, inside the rectangle marked on the silkscreen (bottom side).

					Lyngsoe Systems	NAME Postag PT30 Component Assembly					
						BY	MPA	22July2008	PART NO	DWG NO	REV
									500168	900731	2
						CHK	MHU	22July2008			
REV	ECO NO	BY	CHK	DATE		APRV	DFE	22July2008	SIZE	SCALE	SHEET
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