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MARK	MODIFICATION		CUASE OF MODIFICATION		DATE	NAME	APPROVAL
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Technical drawing of a pole part. The drawing includes a side view, a top view, and a detail view of the bottom thread section. The main dimensions are: total length 83.6±0.2 mm, top view diameter Ø12, and bottom section diameter 8.5 mm with length 10±0.1 mm. The thread is M4 DP10. Surface roughness is 2-C0.3. Concentricity is marked as C2 and M3.

GENERAL TOLERANCE (±)			
GRADE	A	B	C
4 BELOW	0.05	0.10	0.25
4-16	0.07	0.20	0.35
16-63	0.10	0.30	0.50
63-250	0.18	0.55	0.90
250-500	0.30	0.90	1.50
500-1000	0.50	1.50	2.50

**NOTE**

- General tolerance : A grade
- surface roughness  $\sqrt{6.3}$  12.5S (0.00125 mm)  
S : highest height
- Concentric accuracy : below 0.03.
- overall surfaces : no burr and disfigurement.

1	2110100300	POLE 83-6, T4-B3	2	Al		
NO	CODE No.	PART NAME	Q'TY	MATERIAL	DIMENSION	REMARK
SCALE UNIT	1/1 mm	DESIGN	REVIEW	APPROVAL	POLE 83-6, T4-B3	
				NS LEE		
			2012.07.13			

YUJIN ROBOT	MODEL	TURTLE BOT	POLE	CODE	2110100300
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