





DETAIL A SCALE 1:1

DETAIL B SCALE 1:1

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ITEM NO.	PartNo	Description	Material	QTY.
1	P001	BasePlate(Lower)	Aluminium	1
2	P002	BasePlate(Upper)	Aluminium	1
3	P003	28BY J-48-5V Stepper Motor		1
4	P005	Rotate Disc	Plastic	1
5	P004	Bracket	Steel	8
6		ISO 4762 M4 x 8 - 8N	Steel	2
7		ISO 4762 M3 x 10 - 10N	Steel	32
8		ISO 4762 M5 x 25 - 25N	Steel	2
9		ISO 4762 M5 x 45 - 22N	Steel	1
10		ISO 4762 M5 x 12 - 12N	Steel	2
11	P006	LD-1501MG Digital Servo		2
12	P007	Servo Horn (2 Blades)	Plastic	1
13	P009	Servo Base 2	Plastic	1
14	P008	Servo Base 1	Plastic	1
15	P011	Arm Body	Aluminium	5
16	P010	Connector 1	Plastic	1
17	P012	Connector 2	Plastic	2
18	P013	Extension	Aluminium	2
19	P014	Servo Horn (1 Blade)	Plastic	1
20	P015	Connector 3	Plastic	1
21	P016	Horn Extension	Plastic	1
22	P017	Upper Control Bar	Aluminium	2
23	P030	Support Plate 1	Aluminium	2
24	P031	Support Plate 2	Aluminium	2
25	P032	Support Plate Shaft	Plastic	2
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	University of Nottingham UK CHINA MALAYSIA				
TOLERANCE LINEAR: ±0.5 ANGULAR: ±1		Robot Arm (Body)			
ALL DIMENSIONS IN MILLIMETRES	19/11/2018	A	Group 7	DWG NO. ASSOO1	
DRAFTING STANDARD BS 8888	MODULE EEEE2054	SCALE 1:1	SIZE A2	1 of 1	