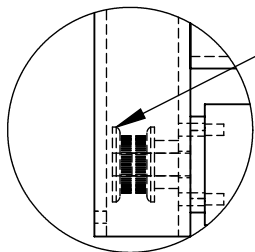
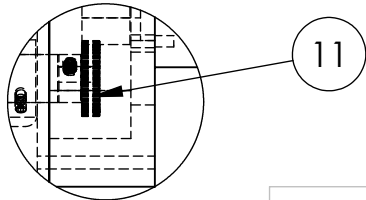


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Frame Assembly	FRA1	1
2	Roller Assembly	RA1	1
3	Roller Bracket	RB1	2
4	Armor Plate	AP2	1
5	Armor Plate(Not Shown)	AP1	1
6	Gearbox Assembly	GBA1	2
7	Motor Mount	MM1	1
8	Motor	1,621 RPM HD Premium Planetary Gear Motor	1
9	Electronic Mounting Plate Foam	MF1	1
10	Electrical Mounting	EMA1	1
11	6832K44	48 Pitch, 36 Tooth Gear with Set Screw	2
12	1434K6	1/2" Mounted Roller Bearing	4
13	Wheel Hub	Colson Series 2 Hub, 1/2" Plane Bore	4
14	Wheel	Colson Wheel 5in x 1-1/4in	4
15	Axle Cole	AR1	2
17	Axle2 Cole	AF1	2
18	Battery Pack	AT: Tenergy NiMH 12V 4200mAh Rechargeable Battery Pack	1
19	1375K56	42 Tooth MXL Timing Belt Pulley	2
20	1254N21	24 Tooth MXL Timing Belt Pulley	1
20	6383K213	1/4" Shaft Diameter Ball Bearing	2
21	6383K213	1/4" Shaft Diameter Ball Bearing	2
22	1375K45	42 tooth, 1/4"belt, .5" shaft	1



DETAIL A
SCALE 1 : 2



DETAIL B
SCALE 1 : 2

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/16"$
ANGULAR: MACH ± 5 BEND ± 1
TWO PLACE DECIMAL $\pm 0.03"$
THREE PLACE DECIMAL $\pm 0.005"$
INTERPRET GEOMETRIC TOLERANCING PER:
COMMENTS:

NEXT ASSY

DO NOT SCALE DRAWING

NAME

DATE

DRAWN

KF

-

CHECKED

ENG APPR.

MFG APPR.

MATERIAL

-

MSU M.& I.E. DEPT.

TITLE:

-

Robot Asembly

SIZE

A

DWG. NO.

Main1

REV

1

SCALE: 1:8

WEIGHT:

SHEET 1 OF 1