



NOTES (UNLESS OTHERWISE SPECIFIED):

- 1. ALL NON-DIMENSIONED PART FEATURES ARE TO BE TAKEN FROM THE SOLID MODEL.
- 2. 0.01 in MAX CHAMFER
- 3. INTERNAL AND EXTERNAL RADII 0.01 in MAX.
- 4. PARTS TO BE BURR FREE

ITEM NO.	PART NUMBER	QTY.
1	EMRAX228 Motor	1
2	EN-00049-AA-Reinf. Silicone Hose, 0.75in RH Rad. Inlet	1
3	EN-00056-AA-Reinf. Silicone Hose, 0.75in	1
4	EN-00081-AA-Reinf. Silicone Hose, 0.75in Motor Outlet	1
5	EN-00080-AA-Reinf. Silicone Hose, 0.375in Motor Outlet	1
6	EN-00066-AA-Reinf. Silicone Hose, 0.25in Motor Expansion Tank Inlet	1
7	EN-90109-AA-Motor Outlet to Radiator Inlet 90 Degree	1
8	EN-50103-AC-5 Way Tee Adaptor, Radiator Inlet 2 sensors	1
9	EN-50079-AA-Adaptor, 90 degree 0.50-0.75 Elbow (SLA)	1
10	FS-Constant Tension Spring Band Clamps, 1.0-1.0625in (7329K16)	6
11	FS-Constant Tension Spring Band Clamps, 0.5in (7329K37)	2
12	FS-Constant Tension Spring Band Clamps, 0.625in (7329K11)	2
13	EN-00060-AA-Temperature Sensor, Bosch 0 281 002 209	1
14	EN-00085-AA-Pressure Sensor, 0-25 PSI (8990025)	1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	FORMULA RACING AT UC DAVIS	
		DIMENSIONS ARE IN INCHES TOLERANCES (UNLESS OTHERWISE SPECIFIED): FRACTIONAL ± 1/32 ANGULAR: MACH ± 1° BEND ± 3° TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.005	DRAWN			TITLE:  Subsystem 4	
			CHECKED				
			ENG APPR.				
			MFG APPR.				
		INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5	Q.A.			SIZE DWG. NO. REV  C Subsystem 4 A	
		MATERIAL	COMMENTS:				
		FINISH				SCALE: 1:2.2 WEIGHT: SHEET 1 OF 1	
NEXT ASSY	USED ON						
APPLICATION		DO NOT SCALE DRAWING					