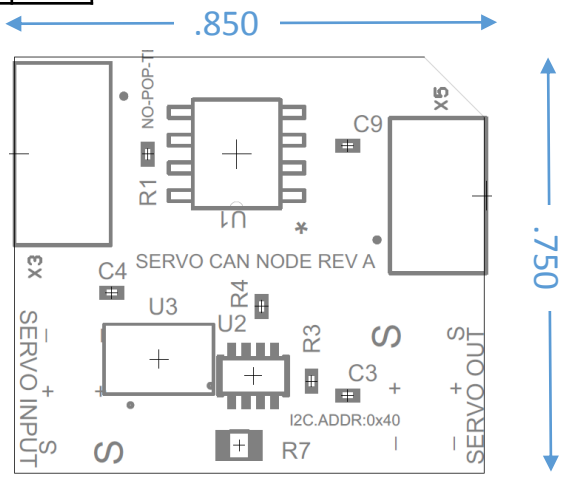
DGW NO	P01200	SH1

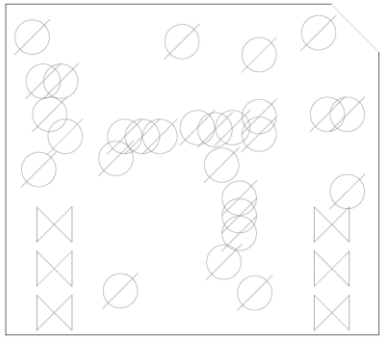
TABULATION		
DASH NO.		SHEET
-00	ORIGINAL RELEASE	1

REVISION				
REV	DESCRIPTION	CHG NO	APPD	DATE
-	INITIAL RELEASE	NA	TMC	150329
A	CHANGED TO CLIK-MATE CONNECTORS, CHANGED TO SMALLER CAN TXRX, ADDED NOTES	NA	TMC	150426

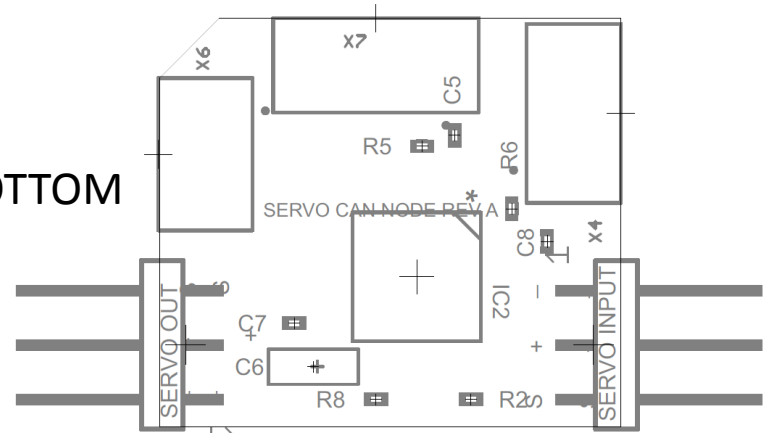
TOP



DRILLS



BOTTOM



FIND NO.	PART NUMBER	DESCRIPTION	RECOMMENDED SUPPLIER	QTY	REF DES
1		PCB, FR4 .062 INCH, 2-LAYER, 1 OZ. COPPER	OSHPARK	1	
2	DSPIC33EV256GM102T-I/MM	MICROCHIP dsPIC33EV MICROCONTROLLER	DIGI-KEY	1	IC2
3	SN65HVD1050D	Texas Instruments CAN transceiver	DIGI-KEY	1	IC1
4	INA219BIDCNT	PWR - CURR monitor	DIGI-KEY	1	U2
5	KC5032A10.0000CMGE00	Oscillator, OSC XO 10MHZ CMOS SMD	DIGI-KEY	1	U3
6	709-1126-1-ND	0.1 uF CAP, 0402	DIGI-KEY	7	C3, C4, C5, C7, C8, C9
7	TPSA106K010R0900	CAP TANT 10UF 10V 10% 1206	DIGI-KEY	1	C6
8	P330LCT-ND	330 Ohm resistor, 0402	DIGI-KEY	3	R2, R6, R8
9	P10.0KLCT-ND	10k Ohm resistor, 0402	DIGI-KEY	3	R3, R4, R5
10	RHM.008AJCT-ND	RES SMD 0.008 OHM 1% 1/2W 0805	DIGI-KEY	1	R7
11	TSW-103-25-F-S-RA	SAMTEC 3-pin header, 0.1", RA	DIGI-KEY	2	X1, X2
12	5023860370	Molex Clik-mate, 3-pos, surface mnt, RA	DIGI-KEY	2	X3, X4
13	5023860470	Molex Clik-mate, 4-pos, surface mnt, RA	DIGI-KEY	2	X5, X6
14	5023860570	Molex Clik-mate, 5-pos, surface mnt, RA	DIGI-KEY	1	X7

NOTES:

1. LEADED SOLDER PREFERED.
2. R1 IS NO-POP
3. IPC CLASS 2
4. GREEN SOLDER MASK PREFERED.

			Colten Antiheavy LLC	Saint Paul, MN
TOLERANCES	DR	T. COLTEN	150329	TITLE
.x +/- .1	CHKD			SERVO CAN-NODE ASSY
.XX +/- .02	APPD			
.XXX +/- .010	DIMENSIONS IN INCHES AND DEGREES UNLESS OTHERWISE NOTED			DRAWING NO P01200
				SHEET 1 OF 1