

NOTES:


- 1. OPTIONAL ITEM, MBS P/N 255-0830, IS A DB9 PLUG (P2) W/ A 3 FT. CABLE: OTHER CABLE LENGTHS AVAILABLE UPON REQUEST
- 2. J2: DB9 CONTROL INTERFACE PINOUT SEE SHEET 2 OF THIS DRAWING FOR SCHEMATIC

PIN	NAME	DESCRIPTION
1	- COMMAND	INPUT: TORQUE COMMAND MINUS
2	+ COMMAND	INPUT: TORQUE COMMAND POSITIVE
3	PWR GND	OPTIONAL (i.e. SIGNAL SHIELD)
4	- DIGITAL OUT	OUTPUT: MINUS DIGITAL (OPTIONAL)
5	+ DIGITAL OUT	OUTPUT: PLUS DIGITAL (OPTIONAL)
6	+SPEED	OUTPUT: PLUS ANALOG MEASURED SPEED
7	- SPEED	OUTPUT: MINUS ANALOG MEASURED SPEED
8	OPEN	INPUT: PLUS DIGITAL (OPTIONAL)
9	OPEN	INPUT: MINUS DIGITAL (OPTIONAL)

* POWER SUPPLY MINIMUM CURRENT RECOMENDATION

POWER SUPPLIES ARE NOT INCLUDED WITH THE PURCHASE OF BRAKE AND CONTROLLER.

24 VDC 6.5A POWER SUPPLIES MAY BE PURCHASED FROM MBS (P/N: EP7136)



07/15/2016

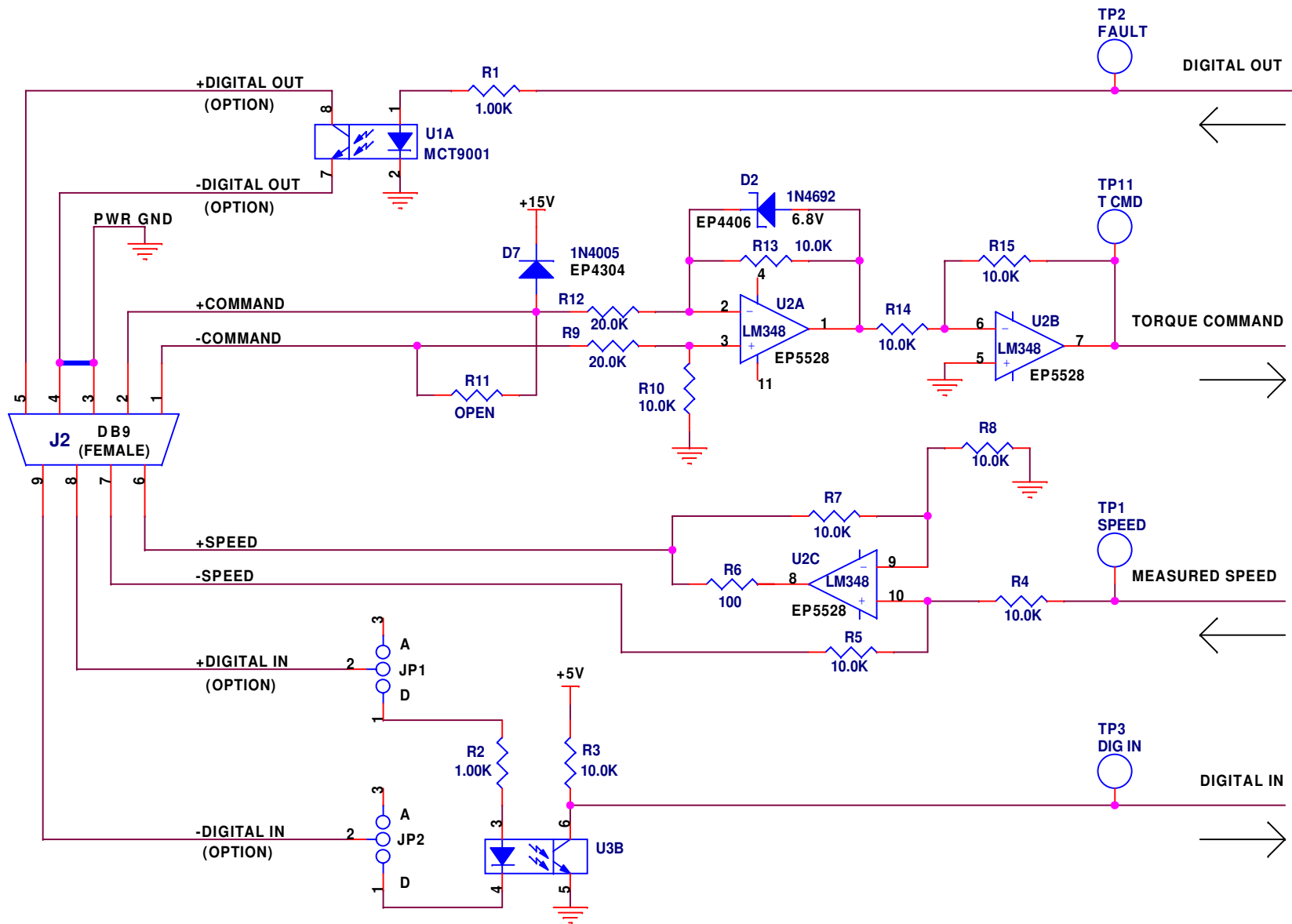
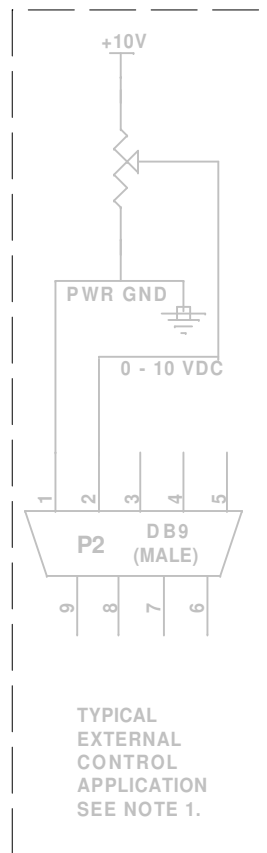
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INTERFACE - MBZ,
0-10 VDC, AUTO DE-COGG

SHEET 1 OF 2
200-0803-02



NOTES:

1. Schematic in the dashed area is a typical example of command input for the Brake Control Module. Voltage from the potentiometer (POT) is input to the Brake Control Module for the torque control of the brake. The control is not a standard item with the brake but one may be purchased from MBS.



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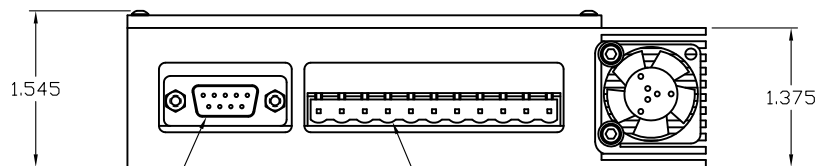
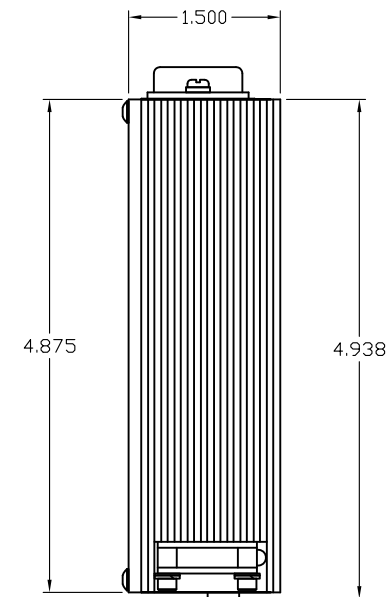
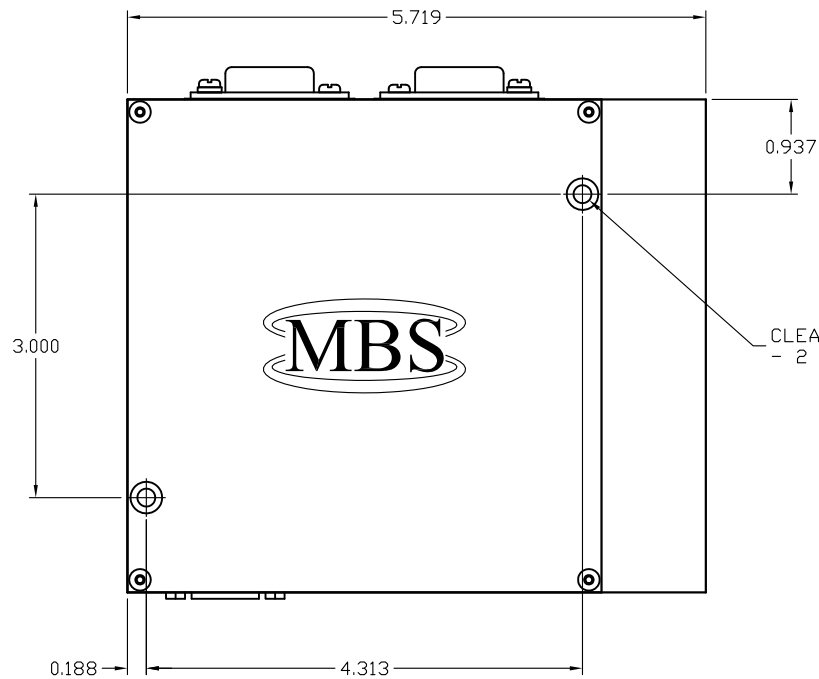
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7/15/2016

INTERFACE - MBZ,
0-10 VDC, AUTO DE-COGG

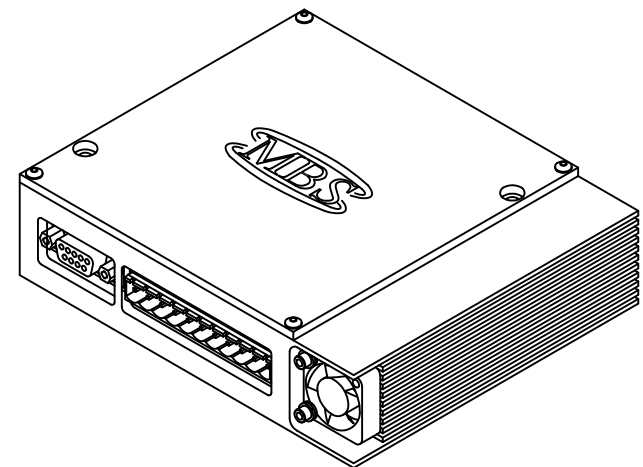
SHEET 2 OF 2

200-0803-02



J2 (FEMALE) DB9

J1 (MALE) EURO STYLE (PHOENIX CONNECTOR)



NOTES:

1.

UNLESS OTHERWISE SPECIFIED
 1. DIMENSIONS ARE PER ANSI Y14.5-1973
 2. SURFACE ROUGHNESS PER ANSI B46.1-1978
 3. LINEAR DIMENSIONS IN INCHES
 4. LINEAR TOLERANCES:
 .X ± .05, .XX ± .02, .XXX ± .005
 5. ANGULAR TOLERANCES:
 °X ± 5°, °X ± 5°
 6. MACHINED SURFACES:
 1 AND 2 ALL PLANES .002/INCH
 DIAMETERS WITHIN .005 TIR
 MAXIMUM SURFACE ROUGHNESS √ .32
 7. BREAK EDGES .01 TO .03
 8. FILLETS R0.02 MAX



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PCB ASSY. - PSOC
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 255-0410B