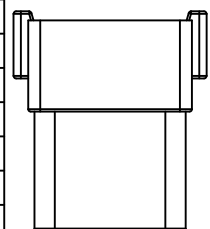
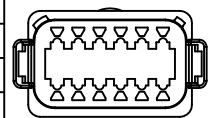


**J2 FMM INTERFACE
DEUTSCH DT04-12PA
W12P**

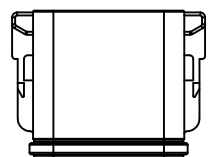
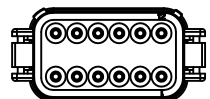
TERMINAL	WIRE	WIRE SIZE
1	N/A	N/A
2	ORN	18 AWG TXL
3	WHT	18 AWG TXL
4	BLU/RED	18 AWG TXL
5	BLU/WHT	18 AWG TXL
6	GRY/BLU	18 AWG TXL
7	N/A	N/A
8	YEL/BLU	18 AWG TXL
9	YEL/RED	18 AWG TXL
10	WHT	18 AWG TXL
11	PRP	18 AWG TXL
12	N/A	N/A



4.0"

**P5 CHASSIS INTERFACE
DEUTSCH DT06-12SA
W12S**

TERMINAL	WIRE	WIRE SIZE
1	N/A	N/A
2	ORN	18 AWG TXL
3	WHT	18 AWG TXL
4	BLU/RED	18 AWG TXL
5	BLU/WHT	18 AWG TXL
6	N/A	N/A
7	N/A	N/A
8	YEL/BLU	18 AWG TXL
9	YEL/RED	18 AWG TXL
10	WHT	18 AWG TXL
11	PRP	18 AWG TXL
12	N/A	N/A



4.0"

REVISION HISTORY

ZONE	REV	DESCRIPTION	APPROVED	DATE
B3	A	CORRECTED TABLE	cbc	2/14/2017
B6	B	CORRECTED PART NUMBER	cbc	2/15/2017



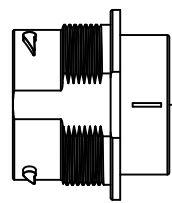
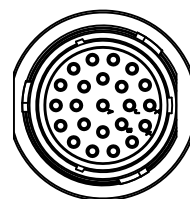
4.0"

**P2 FLIM
DELPHI 12015798**

TERMINAL	WIRE	WIRE SIZE
A	ORN	18 AWG TXL
B	GRY/YEL	18 AWG TXL
C	WHT	18 AWG TXL
D	BLU	18 AWG TXL

**P1 ECU
DELPHI 12129225 W/
STRAIN RELF 21260848**

TERMINAL	WIRE	WIRE SIZE
1	N/A	N/A
2	ORN	18 AWG TXL
3	N/A	N/A
4	N/A	N/A
5	BLU/WHT	18 AWG TXL
6	N/A	N/A
7	N/A	N/A
8	GRN	18 AWG TXL
9	YEL	18 AWG TXL
10	BLK	18 AWG TXL
11	GRY/BLU	18 AWG TXL
12	GRY/BLK	18 AWG TXL
13	ORN	18 AWG TXL
14	WHT	18 AWG TXL
15	GRY	18 AWG TXL
16	BLU/RED	18 AWG TXL
17	N/A	N/A
18	N/A	N/A
19	N/A	N/A
20	WHT/RED	18 AWG TXL
21	N/A	N/A
22	GRY/ORN	18 AWG TXL
23	BRN	18 AWG TXL
24	GRY/YEL	18 AWG TXL



6.0"

2.0"

2.0"

4.0"

2.0"

2.0"

2.0"

J1 CHASSIS INTERFACE DEUTSCH HDP24-24-23PN

TERMINAL	WIRE	WIRE SIZE	TERMINAL	WIRE	WIRE SIZE
A	N/A	N/A	N	N/A	N/A
B	ORN	18 AWG TXL	D	WHT	18 AWG TXL
C	PRP	18 AWG TXL	P	N/A	N/A
D	YEL/RED	18 AWG TXL	Q	YEL/BLU	18 AWG TXL
E	N/A	N/A	R	N/A	N/A
F	BLU	18 AWG TXL	S	N/A	N/A
G	N/A	N/A	T	BLK	18 AWG TXL
H	GRN	18 AWG TXL	U	WHT/RED	18 AWG TXL
J	YEL	18 AWG TXL	V	N/A	N/A
K	N/A	N/A	W	N/A	N/A
L	GRY	18 AWG TXL	X	BRN	18 AWG TXL
M	N/A	N/A			

4.0"

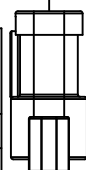
4.0"

4.0"

5.0"

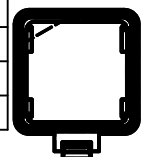
**J3 TERMINATING
RESISTOR
DEUTSCH DT04-3P**

TERMINAL	WIRE	WIRE SIZE
A	YEL	18 AWG TXL
B	GRN	18 AWG TXL
C	N/A	N/A



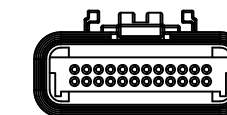
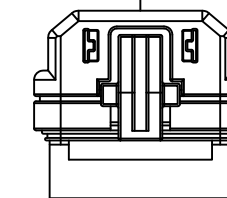
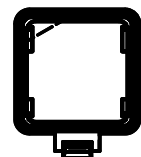
**P4 FUEL RELAY
DELPHI 12065686**

TERMINAL	WIRE	WIRE SIZE
30	ORN	18 AWG TXL
85	ORN	18 AWG TXL
86	GRY/ORN	18 AWG TXL
87A	N/A	N/A
87	YEL/BLU	18 AWG TXL



**P3 STARTER RELAY
DELPHI 12065686**

TERMINAL	WIRE	WIRE SIZE
30	YEL/RED	18 AWG TXL
85	YEL/RED	18 AWG TXL
86	GRY/BLK	18 AWG TXL
87A	N/A	N/A
87	PRP	18 AWG TXL



NOTES:

- HARNESS TO BE BRAIDED WITH VN4400S OR EQUIVALENT PVC COATED YARN**
- USE WITH VERTICAL FMM W/ ELECTRONICS**

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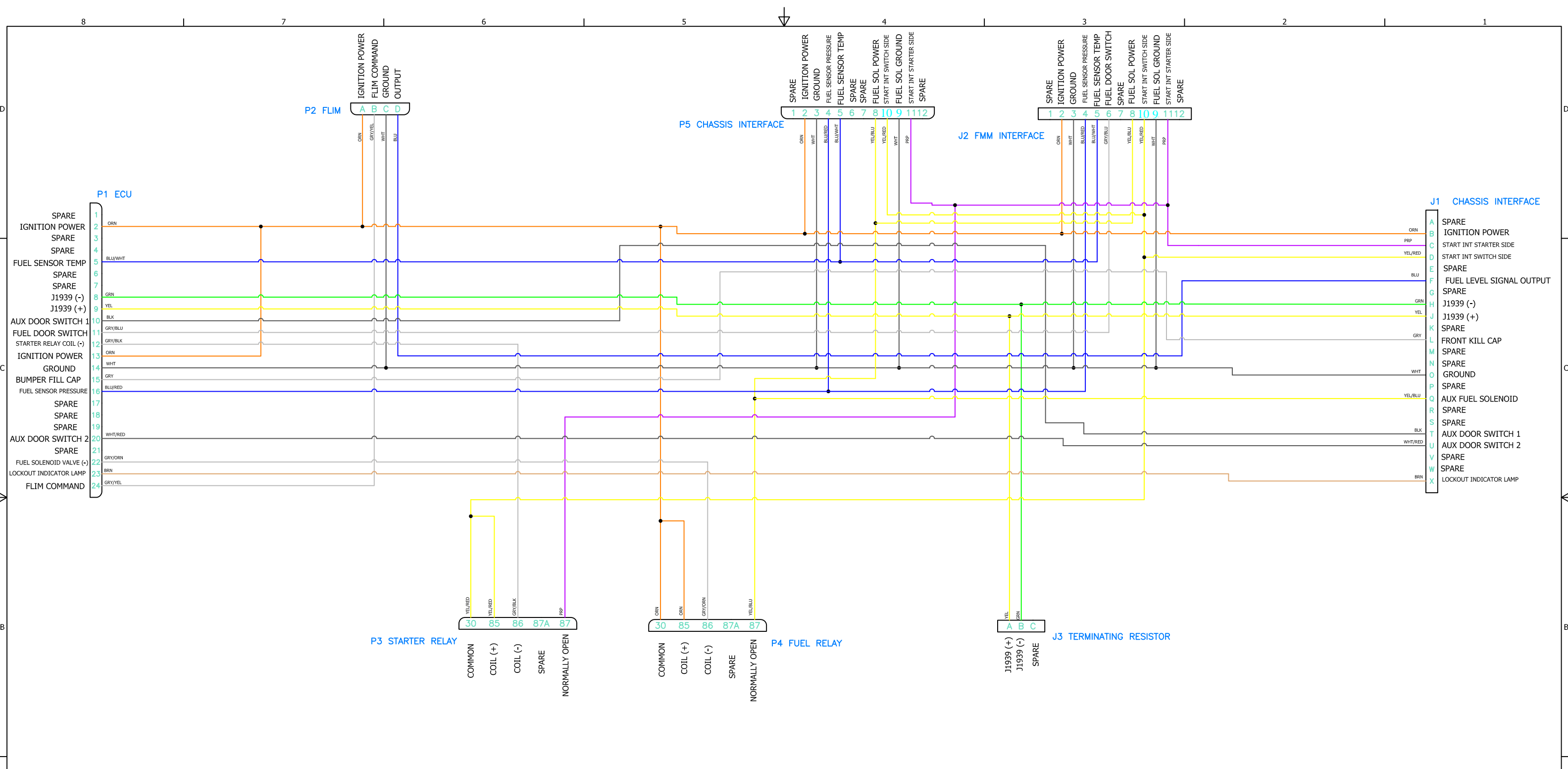
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ALL DIMENSION TOLERANCES UNLESS NOTED
ONE PLACE .X ±.06
TWO PLACES .XX ±.03
THREE PLACES .XXX ±.010
FOUR PLACES .XXXX ±.0010
ALL MACHINED SURFACES TO BE 250 RMS UNLESS NOTED.



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CHECKED culbersonc	2/13/2017	TITLE HARNESS- ELECTRONICS HEIL VERTICAL FMM	
QA		SIZE D	DWG NO MP92-1027
MFG		SCALE	REV B
APPROVED Part Mass	2/13/17	SHEET 1 OF 2	



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 THREE PLACES .XXX ±.010
 FOUR PLACES .XXXX ±.0010
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- NOTES:**
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APPROVED		SIZE D	DWG NO MP92-1027	REV B
Part Mass		SCALE		SHEET 2 OF 2