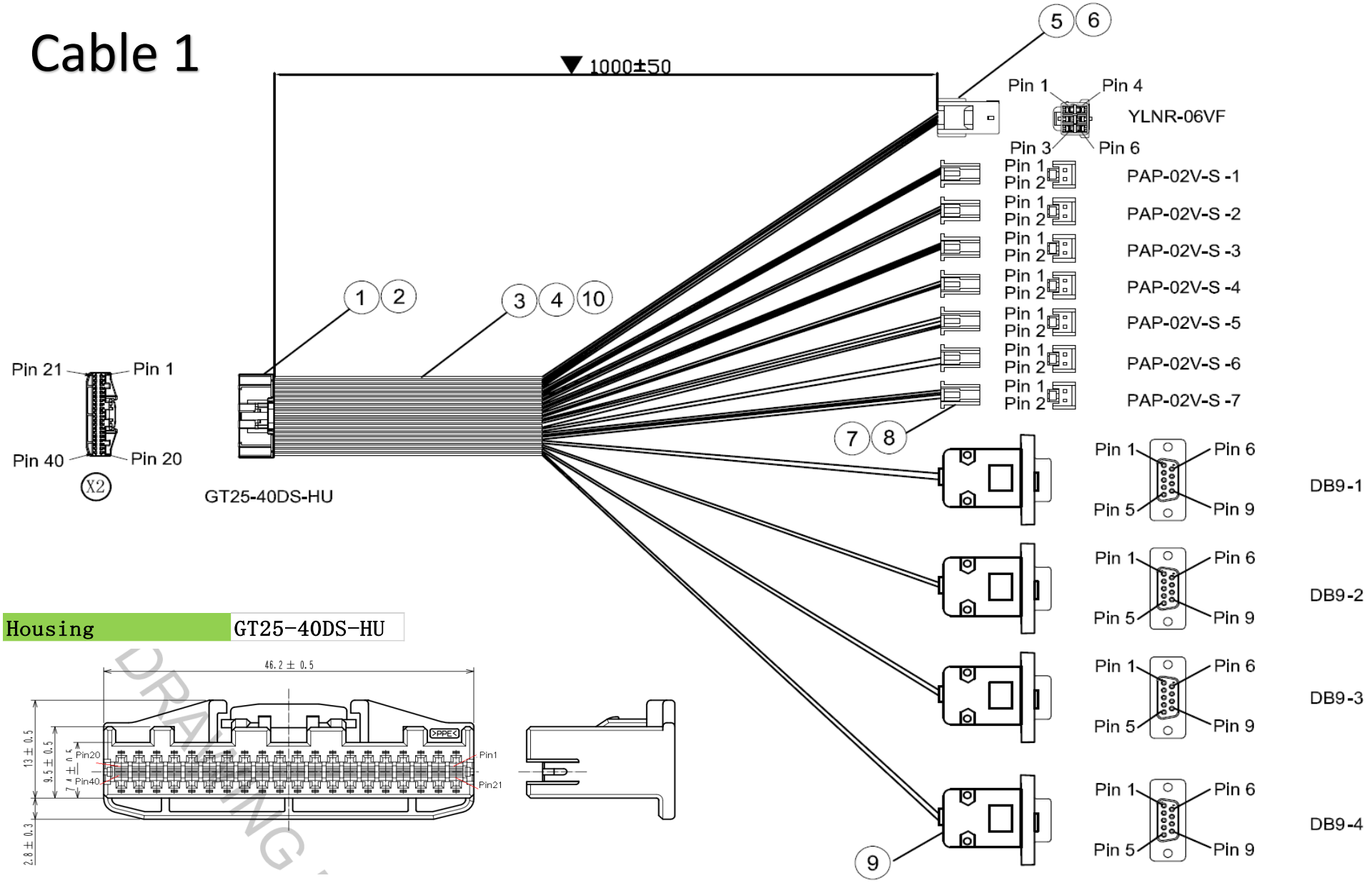
Cable 1



Housing	GT25-40DS-HU

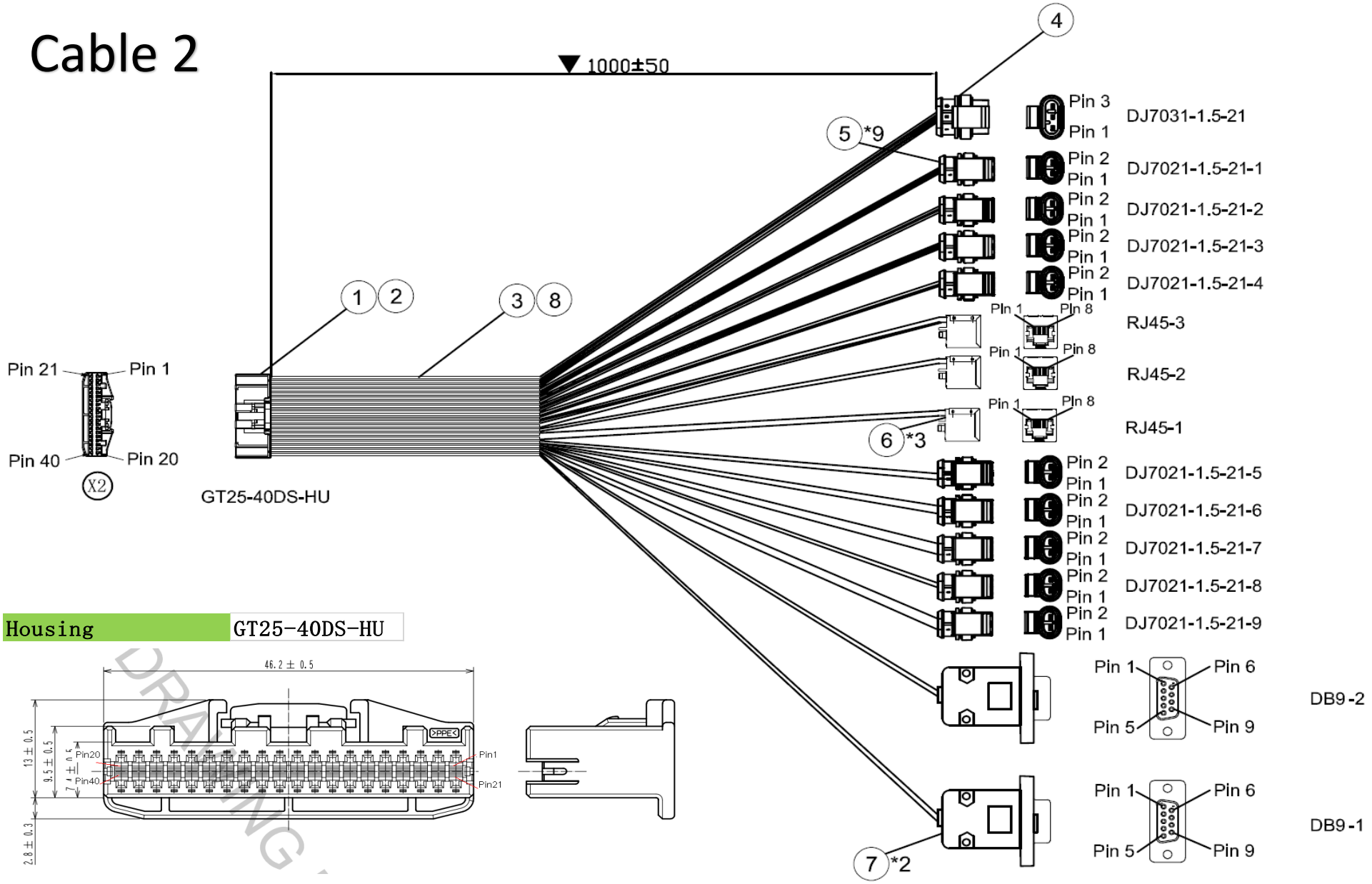
DRAWING

Pin assignment

	GT25-40DS-HU Pin No.	40 COND. Color scheme& AWG#	Pin No.	Connector
Vehicle battery	21	Cable, 20, Guage - RED	1	
	1	Cable, 20, Guage - RED	2	
	22	Cable, 20, Guage - RED	3	YLNR-06VF
GND	3	Cable, 20, Guage - BLACK	4	SYF-41T-P0.5A
	24	Cable, 20, Guage - BLACK	5	
	4	Cable, 20, Guage - BLACK	6	
GND	2	Cable, 22, Guage - BLACK	2	PAP-02V-S -1
Ignition switch	23	Cable, 22, Guage - GREEN	1	SPHD-001T-P0.5
GND	25	Cable, 22, Guage - BLACK	2	PAP-02V-S -2
ADCIN1	5	Cable, 22, Guage - WHITE	1	SPHD-001T-P0.5
GND	26	Cable, 22, Guage - BLACK	2	PAP-02V-S -3
PPS4_OUT	6	Cable, 22, Guage - VIOLET	1	SPHD-001T-P0.5
GND	27	Cable, 22, Guage - BLACK	2	PAP-02V-S -4
PPS3_OUT	7	Cable, 22, Guage - VIOLET W/YELLOW STRIP	1	SPHD-001T-P0.5
GND	28	Cable, 22, Guage - BLACK	2	PAP-02V-S -5
PPS2_OUT	8	Cable, 22, Guage - VIOLET W/BLUE STRIP	1	SPHD-001T-P0.5
GND	29	Cable, 22, Guage - BLACK	2	PAP-02V-S -6
PPS1_OUT	9	Cable, 22, Guage - VIOLET W/BLACK STRIP	1	SPHD-001T-P0.5
GND	30	Cable, 22, Guage - BLACK	2	PAP-02V-S -7
PPS1_IN	10	Cable, 22, Guage - BROWN	1	SPHD-001T-P0.5
SERIAL4_TXD(reserved)	20	Cable, 22, Guage - RED	2	
SERIAL4_RXD(reserved)	19	Cable, 22, Guage - YELLOW	3	
GND	18	Cable, 22, Guage - BLACK	5	DB9 -1
CANH1	40	Cable, 22, Guage - GREEN W/YELLOW STRIP	7	
CANL1	39	Cable, 22, Guage - GREEN	8	

SERIAL2_TXD(reserved)	17	Cable, 22, Guage - RED	2	
SERIAL2_RXD(reserved)	16	Cable, 22, Guage - YELLOW	3	
GND	15	Cable, 22, Guage - BLACK	5	DB9 -2
CANH2	38	Cable, 22, Guage - GREEN W/YELLOW STRIP	7	
CANL2	37	Cable, 22, Guage - GREEN	8	
SERIAL3_TXD	34	Cable, 22, Guage - RED	2	
SERIAL3_RXD	32	Cable, 22, Guage - YELLOW	3	
GND	33	Cable, 22, Guage - BLACK	5	DB9 -3
CANH3	36	Cable, 22, Guage - GREEN W/YELLOW STRIP	7	
CANL3	35	Cable, 22, Guage - GREEN	8	
SERIAL1_TXD	14	Cable, 22, Guage - RED	2	
SERIAL1_RXD	12	Cable, 22, Guage - YELLOW	3	
GND	13	Cable, 22, Guage - BLACK	5	DB9 -4
CANH4	11	Cable, 22, Guage - GREEN W/YELLOW STRIP	7	
CANL4	31	Cable, 22, Guage - GREEN	8	

Cable 2



Housing	GT25-40DS-HU

DRAWING

Pin assignment

	GT25-40DS-HU Pin No.	40 COND. Color scheme& AWG#	Pin No.	Connector
5_0V	21	Cable, 22, Guage - RED	1	DJ7031-1.5-21
5_0V	1	Cable, 22, Guage - RED	2	SPHD-001T-P0.5
GND	22	Cable, 22, Guage - BLACK	3	
GND	2	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -1
Wakeup	23	Cable, 22, Guage -YELLOW	1	SPHD-001T-P0.5
GND	3	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -2
ECU_INPUT3	24	Cable, 22, Guage - BROWN	1	SPHD-001T-P0.5
GND	4	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -3
ECU_INPUT2	25	Cable, 22, Guage - BROWN W/BLACK STRIPE	1	SPHD-001T-P0.5
GND	5	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -4
ECU_INPUT1	26	Cable, 22, Guage - BROWN W/YELLOW STRIPE	1	SPHD-001T-P0.5
GND	6	Cable, 22, Guage - BLACK		
ETH_AVB3_M	27	Cable, 22, Guage - GREEN	2	RJ45 -3
ETH_AVB3_P	7	Cable, 22, Guage - GREEN W/YELLOW STRIP	1	
GND	28	Cable, 22, Guage - BLACK		
ETH_AVB2_M	8	Cable, 22, Guage - GREEN	2	RJ45 -2
ETH_AVB2_P	29	Cable, 22, Guage - GREEN W/YELLOW STRIP	1	
GND	9	Cable, 22, Guage - BLACK		
ETH_AVB1_M	30	Cable, 22, Guage - GREEN	2	RJ45 -1
ETH_AVB1_P	10	Cable, 22, Guage - GREEN W/YELLOW STRIP	1	
GND	31	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -5
KEY	11	Cable, 22, Guage - GREY	1	SPHD-001T-P0.5
GND	32	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -6
12V	12	Cable, 22, Guage - RED	1	SPHD-001T-P0.5
GND	33	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -7
DOUT3	13	Cable, 22, Guage - VIOLET	1	SPHD-001T-P0.5
GND	34	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -8
DOUT2	14	Cable, 22, Guage - VIOLET W/YELLOW STRIP	1	SPHD-001T-P0.5

GND	35	Cable, 22, Guage - BLACK	2	DJ7021-1.5-21 -9
DOUT1	15	Cable, 22, Guage - VIOLET W/BLUE STRIP	1	SPHD-001T-P0.5
RS232_UART2_SIN	16	Cable, 22, Guage - RED	2	
RS232_UART2_SOUT	17	Cable, 22, Guage -YELLOW	3	
GND	37	Cable, 22, Guage - BLACK	5	DB9 -2
RS232_nUART2_RTS	38	Cable, 22, Guage - VIOLET	7	
RS232_nUART2_CTS	36	Cable, 22, Guage -WHITE	8	
RS232_UART1_SIN	39	Cable, 22, Guage - RED	2	
RS232_UART1_SOUT	40	Cable, 22, Guage -YELLOW	3	
GND	19	Cable, 22, Guage - BLACK	5	DB9 -1
RS232_nUART1_RTS	20	Cable, 22, Guage - VIOLET	7	
RS232_nUART1_CTS	18	Cable, 22, Guage -WHITE	8	