

PIN-NO. 引脚号码	SIGNAL 引脚名称	FUNCTION 引脚功能
1 (Q1)		
2 (P1)	A-S-LSHVK	LAMBDA SENSOR HEATING UPSTREAM 上游氧传感器加热
3 (Q2)	A-P-ZUE11	IGNITION COIL1 点火线圈1
4 (P2)		
5 (Q3)	M-M-ZUE	IGNITION GROUND 点火地
6 (P3)		
7 (Q4)	A-P-ZUE21	IGNITION COIL2 点火线圈2
8 (P4)	U-U-UBR	SWITCHED BATTERY VOLTAGE 非持续电源
9 (Q1)		
10 (N1)	E-S-KO	AC COMPRESSOR SWITCH 空调压缩机开关
11 (M1)		
12 (L1)	E-S-EL1	BLOWER SWITCH 鼓风机开关
13 (K1)	E-A-TAC	AC TEMP. 空调温度传感器
14 (J1)		
15 (H1)	B-D-DIAK	DIAGNOSIS LINE K 诊断K线
16 (G1)	U-U-UBD	CONTINUOUS SUPPLY VOLTAGE 持续电源
17 (F1)	E-S-KL15	IGNITION SWITCH 点火开关
18 (E1)	A-U-5V2	REGULATED SENSOR SUPPLY 2.5V电源2
19 (D1)	A-U-5V1	REGULATED SENSOR SUPPLY 1.5V电源1
20 (C1)		
21 (B1)	A-T-SMB	STEPPER MOTOR PHASE B 步进电机相位B
22 (A1)	A-T-SMA	STEPPER MOTOR PHASE A 步进电机相位A
23 (Q2)	A-S-SVS	SERVICE VEHICLE SOON 检测灯
24 (N2)	E-S-EL2	HEADLAMP SWITCH 大灯开关
25 (M2)	E-A-TANS	INTAKE AIR TEMPERATURE SENSOR 进气温度传感器
26 (L2)	E-A-DKG	THROTTLE POSITION SENSOR 节气门位置传感器
27 (K2)		
28 (J2)		
29 (H2)		
30 (G2)		
31 (F2)		
32 (E2)	A-S-HR	MAIN RELAY 主继电器
33 (D2)		
34 (C2)		
35 (B2)	A-T-SMC	STEPPER MOTOR PHASE C 步进电机相位C
36 (A2)	A-T-SMD	STEPPER MOTOR PHASE D 步进电机相位D
37 (Q3)	A-T-TEV	CANISTER PURGE VALVE 炭罐阀
38 (N3)		
39 (M3)	M-R-SEN1	SENSOR GROUND 1 传感器地1
40 (L3)	M-R-SEN2	SENSOR GROUND 2 传感器地2
41 (K3)	E-A-TMOT	ENGINE COOLANT TEMP. SENSOR 发动机冷却水传感器
42 (J3)		
43 (H3)	M-M-EL1	ELECTRONIC GROUND 1 电子地1
44 (G3)	E-S-AC	AC STAND BY 空调开关
45 (F3)	E-A-LSVK	LAMBDA SENSOR UPSTREAM 上游氧传感器
46 (E3)	E-F-DGB	ENGINE SPEED SENSOR B 发动机转速传感器B
47 (D3)	E-F-DGA	ENGINE SPEED SENSOR A 发动机转速传感器A
48 (C3)	M-M-ES1	OUTPUT GROUND1 功率地1
49 (B3)	A-T-EV2	INJECTION2(CYL. 3) 喷油嘴2(第3缸)
50 (A3)	A-T-EV1	INJECTION 1(CYL. 1) 喷油嘴1(第1缸)
51 (Q4)	U-U-UBR	SWITCHED BATTERY VOLTAGE 非持续电源
52 (N4)		
53 (M4)		
54 (L4)		
55 (K4)		
56 (J4)		
57 (H4)	E-F-VFZ	VEHICLE SPEED SIGNAL 车速信号
58 (G4)		
59 (F4)	E-A-DS	INTAKE AIR PRESSURE SENSOR 进气压力传感器
60 (E4)	A-S-BKP	FUEL PUMP RELAY 油泵继电器
61 (D4)	A-S-KOS	AC-COMPRESSOR RELAY 空调压缩机继电器
62 (C4)	A-S-FAN1	FAN RELAY CONTROL 1 风扇控制1
63 (B4)	A-T-EV4	INJECTION4(CYL. 2) 喷油嘴4(第2缸)
64 (A4)	A-T-EV3	INJECTION 3(CYL. 4) 喷油嘴3(第4缸)

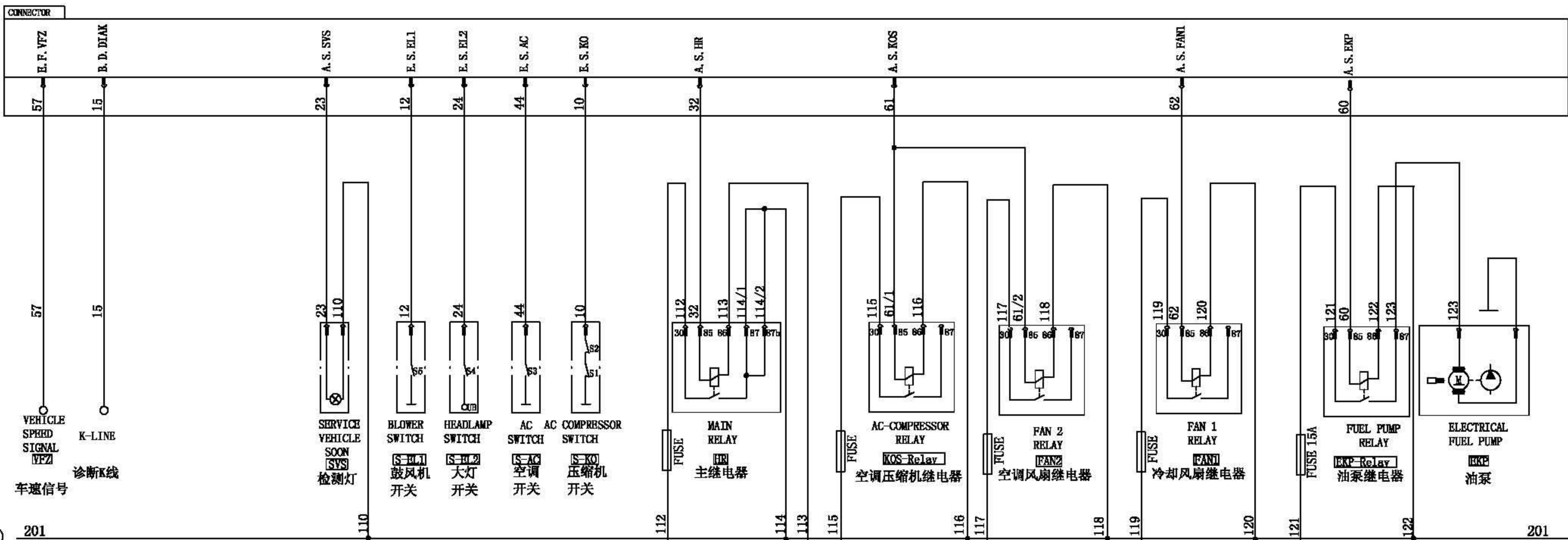
右部所示的图形是传感器或执行器端的接口外形示意图。

公端正视图

The right figures are interface sketch drawing of sensors or acutors.

Male front view

主继电器 k1. 87 (HR) 201
点火开关 UB k1. 15 202
电瓶 UB k1. 30 203
接地点P1 GROUND P1 204
接地点P2 GROUND P2 205



主继电器 k1. 87 (HR) 201
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接地点P1、P2单独接在车身上。
GROUND P1、P2 TO BE CONNECTED SEPARATELY TO THE CHASSIS BLOCK.
控制器至P1、P2的距离应小于20CM。
THE DISTANCE FROM ECU TO GROUND P1、P2 SHOULD BE SMALLER THAN 20CM.

P1与P2的距离为3CM。
THE DISTANCE BETWEEN P1 AND P2 SHOULD BE 3CM.

对双绞线的建议：
RECOMMENDATION FOR TWISTED PAIR:
一圈的长度：
LENGTH OF 1 WINDING:
-MIN. 20mm
-MAX. 100mm
XXXXXXXXXXXX
WINDING 1圈
线径要求：
DIAMETER OF CABLES:
无特定要求。
NO SPECIAL REQUIREMENT.

以上传感器或执行器的管脚标识遵循零件本身的管脚定义。
THE PIN NUMBER OF ABOVE COMPONENTS ARE FIXED BY THEIR SPECIFICATION
与39、40脚相连的导线的连接点应尽可能的靠近ECU的引脚
THE CONNECTING POINTS OF THE WIRE TO PIN XX SHOULD BE CONNECTED TO PIN39, 40 AS CLOSE AS POSSIBLE
在此区域的所有导线屏蔽线及接头必须放在接插件壳内
ALL LEADS, SHIELDS AND CONNECTORS IN THIS AREA HAVE TO BE PLACED WITHIN THE CONNECTOR HOUSING

截面积 AREA	导线 LEAD
1. 50mm ²	2. 3. 5. 7. 8
0. 50mm ²	21. 22. 35. 36. 43. 51. 63. 64
0. 50mm ²	10. 13. 15. 16. 17. 18. 19.
0. 50mm ²	12. 23. 24. 25. 26. 32.
0. 50mm ²	37. 39. 40. 41. 44. 45. 46. 47. 48. 49. 50
0. 50mm ²	57. 59. 60. 61. 62.

本图线径仅作参考, 最终线径由客户决定。
ONLY RECOMMENDATION CUSTOMERS SPECIFICATION BE COMPLIED WITH.