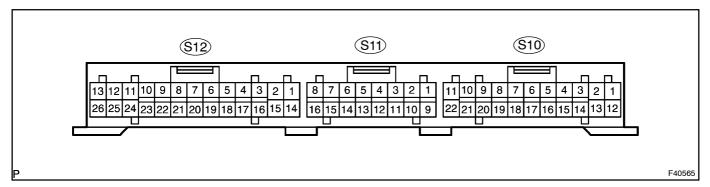
## **TERMINALS OF ECU**

050XF-04



Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
IG1 (S11 – 8) – GND (S10 – 11, 22, S12 – 14, 15)	B-R ⇔ W-B	IG switch ON	10 – 14
R+ (S12 - 1) - GND (S10-11, 22, S12-14, 15)	R-W ⇔ W-B	IG switch ON	10 – 14
MR (S10 – 18)GND (S10–11, 22, S12–14, 15)	R ⇔ W-B	IG switch ON	Below 1.0
SFRR (S12 - 13) - GND (S10 - 11, 22, S12 - 14, 15)	R ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SFRH (S12 – 12) – GND (S10 – 11, 22, S12 – 14, 15)	R-B ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SFLR (S10 - 1) - GND (S10 - 11, 22, S12 - 14, 15)	W-L ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SFLH (S10 - 2) - GND (S10 - 11, 22, S12 - 14, 15)	L−B ⇔ W−B	IG switch ON, ABS warning light OFF	10 – 14
SRRR (S10 – 12) – GND (S10 – 11, 22, S12 – 14, 15)	R-G ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SRRH (S10 - 13) - GND (S10 - 11, 22, S12 - 14, 15)	W-R ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SRLR (S12 - 26) - GND (S10 - 11, 22, S12 - 14, 15)	LG-B ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SRLH (S12 - 25) - GND (S10 - 11, 22, S12 - 14, 15)	G−Y ⇔ W−B	IG switch ON, ABS warning light OFF	10 – 14
AST (S10 – 5) – GND (S10 – 11, 22, S12 – 14, 15)	R ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
WA (S11 – 16) – GND (S10 –		IG switch ON, ABS warning light OFF  IG switch ON, ABS warning light ON  IG switch ON, ABS warning light OFF	10 – 14
11, 22, S12 – 14, 15)	H-R ⇔ M-R	IG switch ON, ABS warning light OFF	Below 2.0
STP (S11 - 11) - GND (S10 -		Stop light switch OFF	Below 1.5
11, 22, S12 – 14, 15)	G-W ⇔ W-B	R-B ⇔ W-B  IG switch ON, ABS warning light OFF	8 – 14
D/G (S11 – 9) – GND (S10 – 11, 22, S12 – 14, 15)	W ⇔ W−B	IG switch ON	10 – 14
Tc (S11 – 15) – GND (S10 – 11, 22, S12 – 14, 15)	LG-B ⇔ W-B	IG switch ON	8 – 14
Ts (S11 – 14) – GND (S10 – 11, 22, S12 – 14, 15)	P-B ⇔ W-B	IG switch ON	8 – 14
FR+ (S12 - 3) - FR- (S12 - 4)	W ⇔ B	IG switch ON, Slowly turn right front wheel	AC generation
FL+ (S12 - 5) - FL- (S12 - 6)	BR ⇔ Y	IG switch ON, Slowly turn left front wheel	AC generation
RR+ (S11 - 1) - RR- (S11 - 2)	P⇔L	IG switch ON, Slowly turn right rear wheel	AC generation

## **DIAGNOSTICS** - ABS WITH EBD SYSTEM

RL+ (S11 - 3) - RL- (S11 - 4)	R ⇔ G	IG switch ON, Slowly turn left rear wheel	AC generation
MT (S10 – 17) – GND (S10 – 11, 22, S12 – 14, 15)	R-W ⇔ W-B	IG switch ON	Below 1.5
SRM1 (S12 - 24) - GND (S10 - 11, 22, S12 - 14, 15)	L-W ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SRM2 (S12 - 11) - GND (S10 - 11, 22, S12 - 14, 15)	G-W ⇔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SM1- (S10 - 4) - GND (S10 - 11, 22, S12 - 14, 15)	Y-G*1, W-G*2 ⇔ W-B	IG switch ON, ABS warning light OFF	Below 1.5
SM1+ (S10 - 3) - GND (S10 - 11, 22, S12 - 14, 15)	L ⇔ W-B	IG switch ON, ABS warning light OFF	Below 1.5
SM2- (S10 - 14) - GND (S10 - 11, 22, S12 - 14, 15)	L−Y ⇔ W−B	IG switch ON, ABS warning light OFF	Below 1.5
SM2+ (S10 - 15) - GND (S10 - 11, 22, S12 - 14, 15)	R−Y ⇔ W−B	IG switch ON, ABS warning light OFF	Below 1.5
MRF (S10 - 7) - GND (S10 - 11, 22, S12 - 14, 15)	GR-L ⇔ W-B	IG switch ON	10 – 14
SR (S10 - 6) - GND (S10 - 11, 22, S12 - 14, 15)	GR ⇔ W-B	IG switch ON	Below 1.0
VCM (S12 - 16) - GND (S10 - 11, 22, S12 - 14, 15)	R ⇔ W-B	IG switch ON	4.5 – 5.5
PMC(S12 - 17) - GND (S10 - 11, 22, S12 - 14, 15)	W ⇔ W−B	IG switch ON, stop light switch OFF	0.3 – 0.7
BRL (S11 - 5) -GND (S10 - 11,	5 W W 5	IG switch ON, brake warning light ON	10 – 14
22, S12 – 14, 15)	R-W ⇔ W-B	IG switch ON, brake warning light OFF	Below 2.0
SP1 (S11 - 7) - GND (S10 - 11, 22, S12 - 14, 15)	L-O ⇔ W-B	Vehicle drives at 20 km/h (12mph)	Pulse generation
PN (S11 – 13) – GND (S10 –	L-W ⇔ W-B	IG switch ON, shift lever in P position	8 – 14
11, 22, S12 – 14, 15)		IG switch ON, shift lever in other than P position	Below 1.5
PKB (S11 – 6) – GND (S10 – 11, 22, S12 – 14, 15)	R-W ⇔ W-B	IG switch ON, PKB switch ON	Below 1.5
		IG switch ON, PKB switch OFF	10 – 14

\*1: RHD \*2: LHD