

22	TMR2-37 w.r.to TMR1-28	3PFT2_P & Rtn	Not Short	92.041kΩ	92.077kΩ
23	TMR2-36 w.r.to TMR2-28	3POT2_R & Rtn	Not Short	92.076kΩ	92.153kΩ
24	TMR2-38 w.r.to TMR2-28	3PFT2_R & Rtn	Not Short	91.989kΩ	92.065kΩ
25	TMR3-35 w.r.to TMR1-28	3POT3_P & Rtn	Not Short	92.131kΩ	92.200kΩ
26	TMR3-37 w.r.to TMR1-28	3PFT3_P & Rtn	Not Short	92.428kΩ	92.498kΩ
27	TMR3-36 w.r.to TMR2-28	3POT3_R & Rtn	Not Short	92.195kΩ	92.279kΩ
28	TMR3-38 w.r.to TMR2-28	3PFT3_R & Rtn	Not Short	92.083kΩ	92.166kΩ
29	TMR1-4 w.r.to TMR2-4	PI_1 +ve & PI_2 +ve	Not Short	9.256kΩ	9.256kΩ
30	TMR2-4 w.r.to TMR3-4	PI_2 +ve & PI_3 +ve	Not Short	9.259kΩ	9.264kΩ
31	TMR1-4 w.r.to TMR3-4	PI_1 +ve & PI_3 +ve	Not Short	9.257kΩ	9.258kΩ
32	TMR1-1 w.r.to TMR1-19	Sensor o/p +ve & -ve	Not Short	112.827kΩ	112.865kΩ
33	TMR1-2 w.r.to TMR1-20	Sensor o/p +ve & -ve	Not Short	113.576kΩ	113.602kΩ
34	TMR2-1 w.r.to TMR2-19	Sensor o/p +ve & -ve	Not Short	113.232kΩ	113.275kΩ
35	TMR2-2 w.r.to TMR2-20	Sensor o/p +ve & -ve	Not Short	114.191kΩ	114.215kΩ
36	TMR3-1 w.r.to TMR3-19	Sensor o/p +ve & -ve	Not Short	112.746kΩ	112.814kΩ
37	TMR3-2 w.r.to TMR3-20	Sensor o/p +ve & -ve	Not Short	112.628kΩ	112.702kΩ
38	TMR1-39 w.r.to TMR1-28	PI-1_P & Rtn (CNTRL_P)	Not Short	91.638kΩ	91.591kΩ
39	TMR2-39 w.r.to TMR2-28	PI-2_P & Rtn (CNTRL_P)	Not Short	91.908kΩ	91.942kΩ
40	TMR3-39 w.r.to TMR2-28	PI-3_P & Rtn (CNTRL_P)	Not Short	92.015kΩ	92.081kΩ
41	TMR1-40 w.r.to TMR1-28	PI-1_R & Rtn (CNTRL_P)	Not Short	91.493kΩ	91.566kΩ
42	TMR2-40 w.r.to TMR2-28	PI-2_R & Rtn (CNTRL_P)	Not Short	91.859kΩ	91.936kΩ
43	TMR3-40 w.r.to TMR2-28	PI-3_R & Rtn (CNTRL_P)	Not Short	91.988kΩ	92.069kΩ
44	TMR1-4 w.r.to TMR1-22	PI_1 +ve & -ve	Not Short	4.703kΩ	4.703kΩ
45	TMR2-4 w.r.to TMR2-22	PI_2 +ve & -ve	Not Short	4.707kΩ	4.707kΩ
46	TMR3-4 w.r.to TMR3-22	PI_3 +ve & -ve	Not Short	4.703kΩ	4.703kΩ

Checklist of CUS PSC_PM

Power Module

Sl No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
1	KM1-6 w.r.to KM1-8	+28V RTN SPS chain1 &PSC chain1	>100MΩ	>100MΩ	>100MΩ
2	KM1-6 w.r.to KM2-6	+28V RTN of SPS chain1 & +28V RTN of SPS chain2	>100MΩ	>100MΩ	>100MΩ
3	KM1-6 w.r.to KM2-8	+28V RTN of SPS chain1 & +28V RTN PSC chain 2	>100MΩ	>100MΩ	>100MΩ

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
4	KM1-6 w.r.to KM3-8	+28V RTN of SPS chain1 & +28V RTN PSC chain 3	>100MΩ	>100MΩ	>100MΩ
5	KM1-8 w.r.to KM2-6	28V RTN PSC chain 1& +28V RTN of SPS chain2	>100MΩ	>100MΩ	>100MΩ
6	KM1-8 w.r.to KM2-8	28V RTN PSC chain 1& +28V RTN of PSC chain2	>100MΩ	>100MΩ	>100MΩ
7	KM1-8 w.r.to KM3-8	28V RTN PSC chain 1& +28V RTN of PSC chain3	>100MΩ	>100MΩ	>100MΩ
8	KM2-6 w.r.to KM2-8	+28V RTN of SPS chain2& +28V RTN of PSC chain2	>100MΩ	>100MΩ	>100MΩ
9	KM2-6 w.r.to KM3-8	+28V RTN of SPS chain2& +28V RTN of PSC chain3	>100MΩ	>100MΩ	>100MΩ
10	KM2-8 w.r.to KM3-8	+28V RTN of SPS chain2& +28V RTN of PSC chain3	>100MΩ	>100MΩ	>100MΩ
11	KM1-6 w.r.to KF1-18	+28V RTN of SPS chain1 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
12	KM1-6 w.r.to KF1-26	+28V RTN of SPS chain1 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
13	KM1-6 w.r.to KF2-18	+28V RTN of SPS chain1 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
14	KM1-6 w.r.to KF2-26	+28V RTN of SPS chain1 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
15	KM1-6 w.r.to KF3-26	+28V RTN of SPS chain1 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
16	KM1-8 w.r.to KF1-18	+28V RTN of SPS chain1 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
17	KM1-8 w.r.to KF1-26	+28V RTN of SPS chain1 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
18	KM1-8 w.r.to KF2-18	+28V RTN of SPS chain1 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
19	KM1-8 w.r.to KF2-26	+28V RTN of SPS chain1 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
20	KM1-8 w.r.to KF3-26	+28V RTN of SPS chain1 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
21	KM2-6 w.r.to KF1-18	+28V RTN of SPS chain2 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
22	KM2-6 w.r.to KF1-26	+28V RTN of SPS chain2 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
23	KM2-6 w.r.to KF2-18	+28V RTN of SPS chain2 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
24	KM2-6 w.r.to KF2-26	+28V RTN of SPS chain2 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
25	KM2-6 w.r.to KF3-26	+28V RTN of SPS chain2 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
26	KM2-8 w.r.to KF1-18	+28V RTN of SPS chain2& +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
27	KM2-8 w.r.to KF1-26	+28V RTN of SPS chain2&	>100MΩ	>100MΩ	>100MΩ

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
		±15V2 RTN			
28	KM2-8 w.r.to KF2-18	+28V RTN of SPS chain2 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
29	KM2-8 w.r.to KF2-26	+28V RTN of SPS chain2 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
30	KM2-8 w.r.to KF3-26	+28V RTN of SPS chain2 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
31	KM3-8 w.r.to KF1-18	+28V RTN of SPS chain3 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
32	KM3-8 w.r.to KF1-26	+28V RTN of SPS chain3 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
33	KM3-8 w.r.to KF2-18	+28V RTN of SPS chain3 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
34	KM3-8 w.r.to KF2-26	+28V RTN of SPS chain3 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
35	KM3-8 w.r.to KF3-26	+28V RTN of SPS chain3 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
36	KF1-18 w.r.to KF1-26	+28V1 RTN & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
37	KF1-18 w.r.to KF2-18	+28V1 RTN & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
38	KF1-18 w.r.to KF2-26	+28V1 RTN & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
39	KF1-18 w.r.to KF3-26	+28V1 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
40	KF1-26 w.r.to KF2-18	±15V2 RTN & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
41	KF1-26 w.r.to KF2-26	±15V2 RTN & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
42	KF1-26 w.r.to KF3-26	±15V2 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
43	KF2-18 w.r.to KF2-26	+28V3 RTN & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
44	KF2-18 w.r.to KF3-26	+28V3 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
45	KF2-26 w.r.to KF3-26	+28V3 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
46	KM1-6 w.r.to KM1-5	+28V RTN of SPS chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
47	KM1-8 w.r.to KM1-5	+28V RTN of SPS chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
48	KM2-6 w.r.to KM2-5	+28V RTN of SPS chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
49	KM2-8 w.r.to KM2-5	+28V RTN of SPS chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
50	KM3-8 w.r.to KM3-5	+28V RTN of SPS chain3 & Chassis	>100MΩ	>100MΩ	>100MΩ
51	KF1-18 w.r.to KF1-50	28V1 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
52	KF1-26 w.r.to KF1-50	±15V2 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
53	KF2-18 w.r.to KF2-50	28V3 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
54	KF2-26 w.r.to KF2-50	±15V4 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
55	KF3-26 w.r.to KF3-50	±15V6 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
56	KM1-1 w.r.to KM1-3	+28V Live SPS chain1 & +28V Live PSC chain1	>100MΩ	>100MΩ	>100MΩ
57	KM1-1 w.r.to KM2-1	+28V Live SPS chain1 & +28V Live SPS chain2	>100MΩ	>100MΩ	>100MΩ

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
58	KM1-1 w.r.to KM2-3	+28V Live SPS chain1 & +28V Live PSC chain2	>100MΩ	>100MΩ	>100MΩ
59	KM1-1 w.r.to KM3-3	+28V Live SPS chain1 & +28V Live PSC chain3	>100MΩ	>100MΩ	>100MΩ
60	KM1-3 w.r.to KM2-1	+28V Live PSC chain1 & +28V Live SPS chain2	>100MΩ	>100MΩ	>100MΩ
61	KM1-3 w.r.to KM2-3	+28V Live PSC chain1 & +28V Live PSC chain2	>100MΩ	>100MΩ	>100MΩ
62	KM1-3 w.r.to KM3-3	+28V Live PSC chain1 & +28V Live PSC chain3	>100MΩ	>100MΩ	>100MΩ
63	KM2-1 w.r.to KM2-3	+28V Live SPS chain2 & +28V Live PSC chain2	>100MΩ	>100MΩ	>100MΩ
64	KM2-1 w.r.to KM3-3	+28V Live SPS chain2 & +28V Live PSC chain3	>100MΩ	>100MΩ	>100MΩ
65	KM2-3 w.r.to KM3-3	+28V Live PSC chain2 & +28V Live PSC chain3	>100MΩ	>100MΩ	>100MΩ
66	KM1-1 w.r.to KF1-1	+28V Live SPS chain1 & +28V1 Live	>100MΩ	>100MΩ	>100MΩ
67	KM1-1 w.r.to KF1-9	+28V Live SPS chain1 & +15V2 Live	>100MΩ	>100MΩ	>100MΩ
68	KM1-1 w.r.to KF1-13	+28V Live SPS chain1 & -15V2 Live	>100MΩ	>100MΩ	>100MΩ
69	KM1-1 w.r.to KF2-1	+28V Live SPS chain1 & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
70	KM1-1 w.r.to KF2-9	+28V Live SPS chain1 & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
71	KM1-1 w.r.to KF2-13	+28V Live SPS chain1 & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
72	KM1-1 w.r.to KF3-9	+28V Live SPS chain1 & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
73	KM1-1 w.r.to KF3-13	+28V Live SPS chain1 & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
74	KM1-3 w.r.to KF1-1	+28V Live PSC chain1 & +28V1 Live	>100MΩ	>100MΩ	>100MΩ
75	KM1-3 w.r.to KF1-9	+28V Live PSC chain1 & +15V2 Live	>100MΩ	>100MΩ	>100MΩ
76	KM1-3 w.r.to KF1-13	+28V Live PSC chain1 & -15V2 Live	>100MΩ	>100MΩ	>100MΩ
77	KM1-3 w.r.to KF2-1	+28V Live PSC chain1 & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
78	KM1-3 w.r.to KF2-9	+28V Live PSC chain1 & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
79	KM1-3 w.r.to KF2-13	+28V Live PSC chain1 & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
80	KM1-3 w.r.to KF3-9	+28V Live PSC chain1 & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
81	KM1-3 w.r.to KF3-13	+28V Live PSC chain1 & -15V6 Live	>100MΩ	>100MΩ	>100MΩ

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
82	KM2-1 w.r.to KF1-1	15V6 Live +28V Live SPS chain2 & +28V1 Live	>100MΩ	>100MΩ	>100MΩ
83	KM2-1 w.r.to KF1-9	+28V Live SPS chain2 & +15V2 Live	>100MΩ	>100MΩ	>100MΩ
84	KM2-1 w.r.to KF1-13	+28V Live SPS chain2 & - 15V2 Live	>100MΩ	>100MΩ	>100MΩ
85	KM2-1 w.r.to KF2-1	+28V Live SPS chain2 & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
86	KM2-1 w.r.to KF2-9	+28V Live SPS chain2 & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
87	KM2-1 w.r.to KF2-13	+28V Live SPS chain2 & - 15V4 Live	>100MΩ	>100MΩ	>100MΩ
88	KM2-1 w.r.to KF3-9	+28V Live SPS chain2 & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
89	KM2-1 w.r.to KF3-13	+28V Live SPS chain2 & - 15V6 Live	>100MΩ	>100MΩ	>100MΩ
90	KM2-3 w.r.to KF1-1	+28V Live PSC chain2 & +28V1 Live	>100MΩ	>100MΩ	>100MΩ
91	KM2-3 w.r.to KF1-9	+28V Live PSC chain2 & +15V2 Live	>100MΩ	>100MΩ	>100MΩ
92	KM2-3 w.r.to KF1-13	+28V Live PSC chain2 & - 15V2 Live	>100MΩ	>100MΩ	>100MΩ
93	KM2-3 w.r.to KF2-1	+28V Live PSC chain2 & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
94	KM2-3 w.r.to KF2-9	+28V Live PSC chain2 & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
95	KM2-3 w.r.to KF2-13	+28V Live PSC chain2 & - 15V4 Live	>100MΩ	>100MΩ	>100MΩ
96	KM2-3 w.r.to KF3-9	+28V Live PSC chain2 & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
97	KM2-3 w.r.to KF3-13	+28V Live PSC chain2 & - 15V6 Live	>100MΩ	>100MΩ	>100MΩ
98	KM3-3 w.r.to KF1-1	+28V Live PSC chain3 & +28V1 Live	>100MΩ	>100MΩ	>100MΩ
99	KM3-3 w.r.to KF1-9	+28V Live PSC chain3 & - 15V2 Live	>100MΩ	>100MΩ	>100MΩ
100	KM3-3 w.r.to KF1-13	+28V Live PSC chain3 & - 15V2 Live	>100MΩ	>100MΩ	>100MΩ
101	KM3-3 w.r.to KF2-1	+28V Live PSC chain3 & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
102	KM3-3 w.r.to KF2-9	+28V Live PSC chain3 & - 15V4 Live	>100MΩ	>100MΩ	>100MΩ
103	KM3-3 w.r.to KF2-13	+28V Live PSC chain3 & - 15V4 Live	>100MΩ	>100MΩ	>100MΩ
104	KM3-3 w.r.to KF3-9	+28V Live PSC chain3 & - 15V6 Live	>100MΩ	>100MΩ	>100MΩ

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
105	KM3-3 w.r.to KF3-13	+28V Live PSC chain3 & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
106	KF1-1 w.r.to KF1-9	+28V1 Live & +15V2 Live	>100MΩ	>100MΩ	>100MΩ
107	KF1-1 w.r.to KF1-13	+28V1 Live & -15V2 Live	>100MΩ	>100MΩ	>100MΩ
108	KF1-1 w.r.to KF2-1	+28V1 Live & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
109	KF1-1 w.r.to KF2-9	+28V1 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
110	KF1-1 w.r.to KF2-13	+28V1 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
111	KF1-1 w.r.to KF3-9	+28V1 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
112	KF1-1 w.r.to KF3-13	+28V1 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
113	KF1-9 w.r.to KF2-1	+15V2 Live & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
114	KF1-9 w.r.to KF2-9	+15V2 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
115	KF1-9 w.r.to KF2-13	+15V2 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
116	KF1-9 w.r.to KF3-9	+15V2 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
117	KF1-9 w.r.to KF3-13	+15V2 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
118	KF1-13 w.r.to KF2-1	-15V2 Live & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
119	KF1-13 w.r.to KF2-9	-15V2 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
120	KF1-13 w.r.to KF2-13	-15V2 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
121	KF1-13 w.r.to KF3-9	-15V2 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
122	KF1-13 w.r.to KF3-13	-15V2 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
123	KF2-1 w.r.to KF2-9	+28V3 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
124	KF2-1 w.r.to KF2-13	+28V3 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
125	KF2-1 w.r.to KF3-9	+28V3 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
126	KF2-1 w.r.to KF3-13	+28V3 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
127	KF2-9 w.r.to KF3-9	+15V4 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
128	KF2-9 w.r.to KF3-13	+15V4 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
129	KF2-13 w.r.to KF3-9	-15V4 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
130	KF2-13 w.r.to KF3-13	-15V4 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
131	KM1-1 w.r.to KM1-5	+28V Live SPS chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
132	KM1-3 w.r.to KM1-5	+28V Live PSC chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
133	KM2-1 w.r.to KM1-5	+28V Live SPS chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
134	KM2-3 w.r.to KM1-5	+28V Live PSC chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
135	KM3-1 w.r.to KM1-5	+28V Live SPS chain3 & Chassis	>100MΩ	>100MΩ	>100MΩ
136	KM3-3 w.r.to KM1-5	+28V Live PSC chain3 & Chassis	>100MΩ	>100MΩ	>100MΩ
137	KF1-1 w.r.to KF1-50	+28V1 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
138	KF1-9 w.r.to KF1-50	+15V2 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
139	KF1-13 w.r.to KF1-50	-15V2 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
140	KF2-1 w.r.to KF1-50	+28V3 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
141	KF2-9 w.r.to KF1-50	+15V4 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
142	KF2-13 w.r.to KF1-50	-15V4 Live & Chassis	>100MΩ	>100MΩ	>100MΩ

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
143	KF3-9 w.r.to KF1-50	+15V6 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
144	KF3-13 w.r.to KF1-50	-15V6 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
145	KM1 all pins w.r.t chassis except pin no.5		>100MΩ	>100MΩ	>100MΩ
146	KM2 all pins w.r.t chassis except pin no.5		>100MΩ	>100MΩ	>100MΩ
147	KM3 all pins w.r.t chassis except pin no.5		>100MΩ	>100MΩ	>100MΩ
148	KF1 all pins w.r.t chassis except pin no.50		>100MΩ	>100MΩ	>100MΩ
149	KF2 all pins w.r.t chassis except pin no.50		>100MΩ	>100MΩ	>100MΩ
150	KF3 all pins w.r.t chassis except pin no.50		>100MΩ	>100MΩ	>100MΩ

List of Connectors in the package

1. KM1,KM2,KM3=9M

2.KF1,KF2,KF3=50F

Annexure 2 - Insulation Test @ 50V DC

Isolation tests were carried out with respect to the test plan

SI. No	Pin Details	Description	Expected	Observed(MΩ)	
				ISRC	FSRC
1	KM1.6 & KM1.5	28V Input Return w.r.t. Chassis	>100MΩ	4.11×10^4	7.52×10^3
2	KM1.6 & KF1.18	28V Input Return w.r.t. 28V ₁ Return	>100MΩ	7.62×10^4	4.61×10^4
3	KM1.8 & KM1.5	28V Input Return w.r.t. Chassis	>100MΩ	4.24×10^4	5.05×10^3
4	KM1.8 & KF1.26	28V Return w.r.t. ±15V ₂ Return	>100MΩ	1.28×10^4	2.18×10^4
5	KM2.6 & KM2.5	28V Input Return w.r.t. Chassis	>100MΩ	3.04×10^4	5.85×10^4
6	KM2.6 & KF2.18	28V Return w.r.t. 28V ₃ Return	>100MΩ	6.15×10^3	4.44×10^3
7	KM2.8 & KM2.5	28V Input Return w.r.t. Chassis	>100MΩ	4.73×10^4	8.58×10^4
8	KM2.8 & KF2.26	28V Input Return w.r.t. ±15V ₄ Return	>100MΩ	1.54×10^4	1.62×10^4
9	KM3.8 & KM3.5	28V Input Return w.r.t. Chassis	>100MΩ	4.24×10^4	5.53×10^3
10	KM3.8 & KF3.26	28V Return w.r.t. ±15V ₆ Return	>100MΩ	4.69×10^3	1.03×10^4
11	KF1.18 & KF1.50	28V ₁ Return w.r.t. Chassis	>100MΩ	3.99×10^4	8.83×10^4
12	KF1.26 & KF1.50	±15V ₂ Return w.r.t. Chassis	>100MΩ	6.02×10^4	10.4×10^4
13	KF2.18 & KF2.50	28V ₃ Return w.r.t. Chassis	>100MΩ	2.99×10^4	8.85×10^3
14	KF2.26 & KF2.50	±15V ₄ Return w.r.t. Chassis	>100MΩ	5.79×10^4	9.10×10^3
15	KF3.26 & KF3.50	±15V ₆ Return w.r.t. Chassis	>100MΩ	6.96×10^4	8.32×10^4

Capacitance Measurement

SI. No	Pin Details	Description	Expected	Observed(nF)	
				ISRC	FSRC
1	KM1.6 & KM1.5	28V Input Return w.r.t. Chassis	3nF-6nF	4.45	4.36
2	KM1.8 & KM1.5	28V Input Return w.r.t. Chassis	3nF-6nF	4.82	4.74
3	KM2.6 & KM2.5	28V Input Return w.r.t. Chassis	3nF-6nF	4.72	4.64
4	KM2.8 & KM2.5	28V Input Return w.r.t. Chassis	3nF-6nF	4.69	4.61
5	KM3.8 & KM3.5	28V Input Return w.r.t. Chassis	3nF-6nF	4.56	4.48
6	KF1.18 & KF1.50	28V ₁ Return w.r.t. Chassis	3nF-6nF	4.77	4.70
7	KF1.26 & KF1.50	±15V ₂ Return w.r.t. Chassis	8nF-11nF	9.14	9.07
8	KF2.18 & KF2.50	28V ₃ Return w.r.t. Chassis	3nF-6nF	4.97	4.90