

80	INR-5 w.r.to INP-24	RCSBATON CMD & Inst RET	>100M Ω	>100M Ω	>100M Ω
81	INR-15 w.r.to INP-11	RET RCS BAT ON/OFF& Inst LIVE	>100M Ω	>100M Ω	>100M Ω
82	INR-15 w.r.to INP-24	RET RCS BAT ON/OFF& Inst RET	>100M Ω	>100M Ω	>100M Ω
83	INR-46 w.r.to INR-46	RCS+P	>100M Ω	>100M Ω	>100M Ω
84	INR-48 w.r.to INR-48	RCS-P	>100M Ω	>100M Ω	>100M Ω

Checklist of SPS GLS_PM

Power Module (PM): Continuity Test Results

SI No	Pin Details	Description	Expected (Ω)	Results(Ω)	
				ISRC	FSRC
1	AM1-1 w.r.to AM1-4	+28V Live	<100m Ω	9m Ω	8m Ω
	AM1-2 w.r.to AM1-4		<100m Ω	8m Ω	8m Ω
	AM1-3 w.r.to AM1-4		<100m Ω	8m Ω	8m Ω
2	AM1-6 w.r.to AM1-9	+28V Return	<100m Ω	7m Ω	7m Ω
	AM1-7 w.r.to AM1-9		<100m Ω	7m Ω	8m Ω
	AM1-8 w.r.to AM1-9		<100m Ω	5m Ω	7m Ω
3	AM1-5 w.r.to Chassis-1		<100m Ω	12m Ω	10m Ω
4	AM1-1 w.r.to AM1-5	All pin w.r.t. Chassis	>100M Ω	>100M Ω	>100M Ω
	AM1-2 w.r.to AM1-5		>100M Ω	>100M Ω	>100M Ω
	AM1-3 w.r.to AM1-5		>100M Ω	>100M Ω	>100M Ω
	AM1-4 w.r.to AM1-5		>100M Ω	>100M Ω	>100M Ω
	AM1-6 w.r.to AM1-5		>100M Ω	>100M Ω	>100M Ω
	AM1-7 w.r.to AM1-5		>100M Ω	>100M Ω	>100M Ω
	AM1-8 w.r.to AM1-5		>100M Ω	>100M Ω	>100M Ω
	AM1-9 w.r.to AM1-5	>100M Ω	>100M Ω	>100M Ω	
5	AM1-2 w.r.to AM1-6	+28V Live w.r.t +28V Return	1k Ω to 12k Ω	8.574k Ω	8.561k Ω
			1k Ω to 100k Ω	59.36k Ω	59.48k Ω
6	AF1-1 w.r.to AF1-4	+5.25V ₁ Live	<100m Ω	6m Ω	6m Ω
	AF1-2 w.r.to AF1-4		<100m Ω	6m Ω	5m Ω
	AF1-3 w.r.to AF1-4		<100m Ω	6m Ω	6m Ω
7	AF1-5 w.r.to AF1-11	+28V ₃ Live	<100m Ω	6m Ω	6m Ω
	AF1-6 w.r.to AF1-11		<100m Ω	6m Ω	6m Ω
	AF1-7 w.r.to AF1-11		<100m Ω	6m Ω	6m Ω
	AF1-8 w.r.to AF1-11		<100m Ω	6m Ω	6m Ω
	AF1-9 w.r.to AF1-11		<100m Ω	6m Ω	5m Ω
	AF1-10 w.r.to AF1-11		<100m Ω	6m Ω	6m Ω
8	AF1-12 w.r.to AF1-16	+15V ₂ Live	<100m Ω	6m Ω	6m Ω
	AF1-13 w.r.to AF1-16		<100m Ω	6m Ω	6m Ω
	AF1-14 w.r.to AF1-16		<100m Ω	6m Ω	5m Ω
	AF1-15 w.r.to AF1-16		<100m Ω	6m Ω	5m Ω
9	AF1-18 w.r.to AF1-21	+5.25V ₁ Return	<100m Ω	4m Ω	4m Ω
	AF1-19 w.r.to AF1-21		<100m Ω	4m Ω	4m Ω
	AF1-20 w.r.to AF1-21		<100m Ω	5m Ω	4m Ω
10	AF1-22 w.r.to AF1-28	+28V ₃ Return	<100m Ω	5m Ω	5m Ω
	AF1-23 w.r.to AF1-28		<100m Ω	5m Ω	5m Ω

	AF1-24 w.r.to AF1-28		<100m Ω	5m Ω	5m Ω
	AF1-25 w.r.to AF1-28		<100m Ω	5m Ω	5m Ω
	AF1-26 w.r.to AF1-28		<100m Ω	4m Ω	4m Ω
	AF1-27 w.r.to AF1-28		<100m Ω	4m Ω	4m Ω
11	AF1-29 w.r.to AF1-44	$\pm 15V_2$ Return	<100m Ω	5m Ω	5m Ω
	AF1-30 w.r.to AF1-44		<100m Ω	5m Ω	5m Ω
	AF1-31 w.r.to AF1-44		<100m Ω	5m Ω	5m Ω
	AF1-32 w.r.to AF1-44		<100m Ω	5m Ω	5m Ω
	AF1-33 w.r.to AF1-44		<100m Ω	5m Ω	5m Ω
	AF1-42 w.r.to AF1-44		<100m Ω	4m Ω	4m Ω
	AF1-43 w.r.to AF1-44		<100m Ω	3m Ω	3m Ω
12	AF1-34 w.r.to AF1-35	+5.25V ₁ (T/M1 Live & T/M2 Live)	2.4k Ω $\pm 2\%$	2.403k Ω	2.403k Ω
13	AF1-36 w.r.to AF1-37	+15V ₂ (T/M1 Live & T/M2 Live)	2.6k Ω $\pm 2\%$	2.609k Ω	2.609k Ω
14	AF1-38 w.r.to AF1-39	+5.25V ₁ T/M Return	<100m Ω	3m Ω	3m Ω
15	AF1-40 w.r.to AF1-41	+15V ₂ T/M Return	<100m Ω	3m Ω	3m Ω
16	AF1-45 w.r.to AF1-49	-15V ₂ Live	<100m Ω	4m Ω	4m Ω
	AF1-46 w.r.to AF1-49		<100m Ω	4m Ω	4m Ω
	AF1-47 w.r.to AF1-49		<100m Ω	4m Ω	3m Ω
	AF1-48 w.r.to AF1-49		<100m Ω	4m Ω	3m Ω
17	AF1-50 w.r.to Chassis-1	Chassis point w.r.t chassis	<100m Ω	21m Ω	18m Ω
18	AF1-21 w.r.to AF1-39	+5.25V ₁ Return w.r.t +5.25V ₁ T/M Return	<100m Ω	4m Ω	4m Ω
19	AF1-29 w.r.to AF1-41	$\pm 15V_2$ Return w.r.t +15V ₂ T/M Return	<100m Ω	5m Ω	5m Ω
20	AF1-12 w.r.to AF1-45	+15V ₂ Live w.r.t -15V ₂ Live	>300 Ω	501.684 Ω	501.650 Ω
21	AF1-34 w.r.to AF1-38	+5.25V ₁ TM Live w.r.t +5.25V ₁ TM Return	1.2k Ω $\pm 2\%$	1.209k Ω	1.209k Ω
22	AF1-36 w.r.to AF1-40	+15V ₂ TM Live w.r.t $\pm 15V_2$ TM Return	1.3k Ω $\pm 2\%$	1.309k Ω	1.309k Ω
23	AF1-1 w.r.to AF1-18	+5.25V ₁ Live w.r.t +5.25V ₁ Return	48 Ω $\pm 2\%$	48.309 Ω	48.303 Ω
24	AF1-13 w.r.to AF1-30	+15V ₂ Live w.r.t $\pm 15V_2$ Return	250 Ω $\pm 2\%$	247.932 Ω	247.932 Ω
25	AF1-30 w.r.to AF1-46	$\pm 15V_2$ Return wrt -15V ₂ Live	250 Ω $\pm 2\%$	253.653 Ω	253.652 Ω
26	AF1-5 w.r.to AF1-22	+28V ₃ Live w.r.t +28V ₃ Return	235 Ω $\pm 2\%$	235.256 Ω	235.254 Ω
27	AF2-1 w.r.to AF2-4	+5.25V ₁ Live	<100m Ω	6m Ω	6m Ω
	AF2-2 w.r.to AF2-4		<100m Ω	6m Ω	6m Ω
	AF2-3 w.r.to AF2-4		<100m Ω	5m Ω	5m Ω
28	AF2-5 w.r.to AF2-11	+28V ₃ Live	<100m Ω	6m Ω	6m Ω
	AF2-6 w.r.to AF2-11		<100m Ω	7m Ω	6m Ω
	AF2-7 w.r.to AF2-11		<100m Ω	6m Ω	6m Ω
	AF2-8 w.r.to AF2-11		<100m Ω	6m Ω	6m Ω
	AF2-9 w.r.to AF2-11		<100m Ω	6m Ω	6m Ω
	AF2-10 w.r.to AF2-11		<100m Ω	6m Ω	6m Ω

29	AF2-12 w.r.to AF2-16	+15V ₂ Live	<100mΩ	6mΩ	6mΩ
	AF2-13 w.r.to AF2-16		<100mΩ	6mΩ	6mΩ
	AF2-14 w.r.to AF2-16		<100mΩ	6mΩ	6mΩ
	AF2-15 w.r.to AF2-16		<100mΩ	6mΩ	6mΩ
30	AF2-18 w.r.to AF2-21	+5.25V ₁ Return	<100mΩ	5mΩ	5mΩ
	AF2-19 w.r.to AF2-21		<100mΩ	5mΩ	5mΩ
	AF2-20 w.r.to AF2-21		<100mΩ	4mΩ	4mΩ
31	AF2-22 w.r.to AF2-28	+28V ₃ Return	<100mΩ	5mΩ	5mΩ
	AF2-23 w.r.to AF2-28		<100mΩ	5mΩ	5mΩ
	AF2-24 w.r.to AF2-28		<100mΩ	5mΩ	5mΩ
	AF2-25 w.r.to AF2-28		<100mΩ	5mΩ	5mΩ
	AF2-26 w.r.to AF2-28		<100mΩ	5mΩ	5mΩ
	AF2-27 w.r.to AF2-28		<100mΩ	5mΩ	4mΩ
32	AF2-29 w.r.to AF2-44	±15V ₂ Return	<100mΩ	6mΩ	6mΩ
	AF2-30 w.r.to AF2-44		<100mΩ	6mΩ	5mΩ
	AF2-31 w.r.to AF2-44		<100mΩ	6mΩ	6mΩ
	AF2-32 w.r.to AF2-44		<100mΩ	6mΩ	6mΩ
	AF2-33 w.r.to AF2-44		<100mΩ	6mΩ	6mΩ
	AF2-42 w.r.to AF2-44		<100mΩ	4mΩ	3mΩ
	AF2-43 w.r.to AF2-44		<100mΩ	3mΩ	3mΩ
33	AF2-34 w.r.to AF2-35	+28V ₃ (T/M1 Live & T/M2 Live)	2.8kΩ±2%	2.791kΩ	2.791kΩ
34	AF2-36 w.r.to AF2-37	-15V ₂ (T/M1 Live & T/M2 Live)	2.6kΩ±2%	2.609kΩ	2.609kΩ
35	AF2-38 w.r.to AF2-39	+28V ₃ T/M Return	<100mΩ	4mΩ	4mΩ
36	AF2-40 w.r.to AF2-41	±15V ₂ T/M Return	<100mΩ	4mΩ	3mΩ
37	AF2-45 w.r.to AF2-49	-15V ₂ Live	<100mΩ	4mΩ	4mΩ
	AF2-46 w.r.to AF2-49		<100mΩ	4mΩ	4mΩ
	AF2-47 w.r.to AF2-49		<100mΩ	4mΩ	4mΩ
	AF2-48 w.r.to AF2-49		<100mΩ	3mΩ	3mΩ
38	AF2-50 w.r.to Chassis-1	Chassis point w.r.t chassis	<100mΩ	23mΩ	20mΩ
39	AF2-28 w.r.to AF2-39	+28V ₃ Return w.r.t +28V ₃ T/M Return	<100mΩ	5mΩ	5mΩ
40	AF2-29 w.r.to AF2-41	±15V ₂ Return w.r.t +15V ₂ T/M Return	<100mΩ	7mΩ	6mΩ
41	AF2-12 w.r.to AF2-45	+15V ₂ Live w.r.t -15V ₂ Live	>300Ω	501.672Ω	501.639Ω
42	AF2-34 w.r.to AF2-38	+28V ₃ TM Live w.r.t +28V ₃ TM Return	1.4kΩ±2%	1.397kΩ	1.397kΩ
43	AF2-36 w.r.to AF2-40	-15V ₂ TM Live w.r.t ±15V ₂ TM Return	1.3kΩ±2%	1.309kΩ	1.309kΩ
44	AF2-1 w.r.to AF2-18	+5.25V ₁ Live w.r.t +5.25V ₁ Return	48Ω±2%	48.326Ω	48.320Ω
45	AF2-13 w.r.to AF2-30	+15V ₂ Live w.r.t ±15V ₂ Return	250Ω±2%	247.923Ω	247.923Ω
46	AF2-30 w.r.to AF2-46	±15V ₂ Return wrt -15V ₂ Live	250Ω±2%	253.652Ω	253.651Ω
47	AF2-5 w.r.to AF2-22	+28V ₃ Live w.r.t +28V ₃ Return	235Ω±2%	235.238Ω	235.237Ω

48	AF1-1 w.r.to AF2-1	+5.25V ₁ Live	<100mΩ	14mΩ	14mΩ
49	AF1-5 w.r.to AF2-5	+28V ₃ Live	<100mΩ	20mΩ	20mΩ
50	AF1-12 w.r.to AF2-12	+15V ₂ Live	<100mΩ	14mΩ	14mΩ
51	AF1-18 w.r.to AF2-18	+5.25V ₁ Return	<100mΩ	13mΩ	13mΩ
52	AF1-22 w.r.to AF2-22	+28V ₃ Return	<100mΩ	9mΩ	9mΩ
53	AF1-30 w.r.to AF2-30	±15V ₂ Return	<100mΩ	8mΩ	8mΩ
54	AF1-46 w.r.to AF2-46	-15V ₂ Live	<100mΩ	10mΩ	10mΩ
55	AF1-40 w.r.to AF2-40	±15V ₂ T/M Return	<100mΩ	10mΩ	10mΩ
56	BM1-1 w.r.to BM1-4	+28V Live	<100mΩ	9mΩ	9mΩ
	BM1-2 w.r.to BM1-4		<100mΩ	9mΩ	9mΩ
	BM1-3 w.r.to BM1-4		<100mΩ	9mΩ	9mΩ
57	BM1-6 w.r.to BM1-9	+28V Return	<100mΩ	7mΩ	7mΩ
	BM1-7 w.r.to BM1-9		<100mΩ	7mΩ	7mΩ
	BM1-8 w.r.to BM1-9		<100mΩ	7mΩ	7mΩ
59	BM1-5 w.r.to Chassis-1	Chassis point w.r.t. chassis	<100mΩ	12mΩ	10mΩ
58	BM1-1 w.r.to BM1-5	All pin w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
	BM1-2 w.r.to BM1-5		>100MΩ	>100MΩ	>100MΩ
	BM1-3 w.r.to BM1-5		>100MΩ	>100MΩ	>100MΩ
	BM1-4 w.r.to BM1-5		>100MΩ	>100MΩ	>100MΩ
	BM1-6 w.r.to BM1-5		>100MΩ	>100MΩ	>100MΩ
	BM1-7 w.r.to BM1-5		>100MΩ	>100MΩ	>100MΩ
	BM1-8 w.r.to BM1-5		>100MΩ	>100MΩ	>100MΩ
60	BM1-2 w.r.to BM1-6	+28V Live w.r.t +28V Return	1kΩ to 12kΩ 1kΩ to 100kΩ	8.677 kΩ 59.49 kΩ	8.659kΩ 59.56kΩ
61	BF1-1 w.r.to BF1-4	+5.25V ₄ Live	<100mΩ	5mΩ	5mΩ
	BF1-2 w.r.to BF1-4		<100mΩ	5mΩ	5mΩ
	BF1-3 w.r.to BF1-4		<100mΩ	5mΩ	5mΩ
62	BF1-5 w.r.to BF1-11	+28V ₆ Live	<100mΩ	6mΩ	7mΩ
	BF1-6 w.r.to BF1-11		<100mΩ	6mΩ	6mΩ
	BF1-7 w.r.to BF1-11		<100mΩ	6mΩ	6mΩ
	BF1-8 w.r.to BF1-11		<100mΩ	6mΩ	6mΩ
	BF1-9 w.r.to BF1-11		<100mΩ	6mΩ	6mΩ
	BF1-10 w.r.to BF1-11		<100mΩ	5mΩ	6mΩ
63	BF1-12 w.r.to BF1-16	+15V ₅ Live	<100mΩ	6mΩ	6mΩ
	BF1-13 w.r.to BF1-16		<100mΩ	6mΩ	6mΩ
	BF1-14 w.r.to BF1-16		<100mΩ	5mΩ	5mΩ
	BF1-15 w.r.to BF1-16		<100mΩ	6mΩ	5mΩ
64	BF1-18 w.r.to BF1-21	+5.25V ₄ Return	<100mΩ	5mΩ	5mΩ
	BF1-19 w.r.to BF1-21		<100mΩ	5mΩ	5mΩ
	BF1-20 w.r.to BF1-21		<100mΩ	4mΩ	4mΩ
65	BF1-22 w.r.to BF1-28	+28V ₆ Return	<100mΩ	5mΩ	5mΩ
	BF1-23 w.r.to BF1-28		<100mΩ	5mΩ	5mΩ
	BF1-24 w.r.to BF1-28		<100mΩ	5mΩ	5mΩ
	BF1-25 w.r.to BF1-28		<100mΩ	5mΩ	5mΩ
	BF1-26 w.r.to BF1-28		<100mΩ	4mΩ	4mΩ
	BF1-27 w.r.to BF1-28		<100mΩ	4mΩ	4mΩ
66	BF1-29 w.r.to BF1-44	±15V ₅ Return	<100mΩ	5mΩ	5mΩ
	BF1-30 w.r.to BF1-44		<100mΩ	5mΩ	5mΩ

	BF1-31 w.r.to BF1-44		<100m Ω	5m Ω	5m Ω
	BF1-32 w.r.to BF1-44		<100m Ω	5m Ω	5m Ω
	BF1-33 w.r.to BF1-44		<100m Ω	5m Ω	5m Ω
	BF1-42 w.r.to BF1-44		<100m Ω	4m Ω	4m Ω
	BF1-43 w.r.to BF1-44		<100m Ω	3m Ω	3m Ω
67	BF1-34 w.r.to BF1-35	+5.25V ₄ (T/M1 Live & T/M2 Live)	2.4k Ω ±2%	2.403k Ω	2.403k Ω
68	BF1-36 w.r.to BF1-37	+15V ₅ (T/M1 Live & T/M2 Live)	2.6k Ω ±2%	2.609k Ω	2.609k Ω
69	BF1-38 w.r.to BF1-39	+5.25V ₄ T/M Return	<100m Ω	3m Ω	3m Ω
70	BF1-40 w.r.to BF1-41	+15V ₅ T/M Return	<100m Ω	3m Ω	3m Ω
71	BF1-45 w.r.to BF1-49	-15V ₅ Live	<100m Ω	4m Ω	4m Ω
	BF1-46 w.r.to BF1-49		<100m Ω	4m Ω	3m Ω
	BF1-47 w.r.to BF1-49		<100m Ω	3m Ω	3m Ω
	BF1-48 w.r.to BF1-49		<100m Ω	3m Ω	3m Ω
72	BF1-50 w.r.to Chassis-1	Chassis point w.r.t chassis	<100m Ω	21m Ω	18m Ω
73	BF1-21 w.r.to BF1-39	+5.25V ₄ Return w.r.t +5.25V ₄ T/M Return	<100m Ω	4m Ω	4m Ω
74	BF1-29 w.r.to BF1-41	±15V ₅ Return w.r.t +15V ₅ T/M Return	<100m Ω	5m Ω	5m Ω
75	BF1-12 w.r.to BF1-45	+15V ₅ Live w.r.t -15V ₅ Live	>300 Ω	501.323 Ω	501.292 Ω
76	BF1-34 w.r.to BF1-38	+5.25V ₄ TM Live w.r.t +5.25V ₄ TM Return	1.2k Ω ±2%	1.209k Ω	1.209k Ω
77	BF1-36 w.r.to BF1-40	+15V ₅ TM Live w.r.t ±15V ₅ TM Return	1.3k Ω ±2%	1.309k Ω	1.309k Ω
78	BF1-1 w.r.to BF1-18	+5.25V ₄ Live w.r.t +5.25V ₄ Return	48 Ω ±2%	48.443 Ω	48.437 Ω
79	BF1-13 w.r.to BF1-30	+15V ₅ Live w.r.t ±15V ₅ Return	250 Ω ±2%	247.686 Ω	247.686 Ω
80	BF1-30 w.r.to BF1-46	±15V ₅ Return wrt -15V ₅ Live	250 Ω ±2%	253.544 Ω	253.543 Ω
81	BF1-5 w.r.to BF1-22	+28V ₆ Live w.r.t +28V ₆ Return	235 Ω ±2%	235.678 Ω	235.676 Ω
82	BF2-1 w.r.to BF2-4	+5.25V ₄ Live	<100m Ω	6m Ω	6m Ω
	BF2-2 w.r.to BF2-4		<100m Ω	6m Ω	6m Ω
	BF2-3 w.r.to BF2-4		<100m Ω	6m Ω	5m Ω
83	BF2-5 w.r.to BF2-11	+28V ₆ Live	<100m Ω	6m Ω	6m Ω
	BF2-6 w.r.to BF2-11		<100m Ω	6m Ω	6m Ω
	BF2-7 w.r.to BF2-11		<100m Ω	6m Ω	6m Ω
	BF2-8 w.r.to BF2-11		<100m Ω	6m Ω	6m Ω
	BF2-9 w.r.to BF2-11		<100m Ω	6m Ω	6m Ω
	BF2-10 w.r.to BF2-11		<100m Ω	6m Ω	6m Ω
84	BF2-12 w.r.to BF2-16	+15V ₅ Live	<100m Ω	6m Ω	6m Ω
	BF2-13 w.r.to BF2-16		<100m Ω	6m Ω	6m Ω
	BF2-14 w.r.to BF2-16		<100m Ω	6m Ω	6m Ω
	BF2-15 w.r.to BF2-16		<100m Ω	6m Ω	5m Ω
85	BF2-18 w.r.to BF2-21	+5.25V ₄ Return	<100m Ω	5m Ω	6m Ω
	BF2-19 w.r.to BF2-21		<100m Ω	5m Ω	5m Ω

	BF2-20 w.r.to BF2-21		<100m Ω	5m Ω	5m Ω
86	BF2-22 w.r.to BF2-28	+28V ₆ Return	<100m Ω	5m Ω	5m Ω
	BF2-23 w.r.to BF2-28		<100m Ω	5m Ω	5m Ω
	BF2-24 w.r.to BF2-28		<100m Ω	5m Ω	5m Ω
	BF2-25 w.r.to BF2-28		<100m Ω	5m Ω	5m Ω
	BF2-26 w.r.to BF2-28		<100m Ω	5m Ω	4m Ω
	BF2-27 w.r.to BF2-28		<100m Ω	5m Ω	4m Ω
87	BF2-29 w.r.to BF2-44	\pm 15V ₅ Return	<100m Ω	6m Ω	6m Ω
	BF2-30 w.r.to BF2-44		<100m Ω	6m Ω	6m Ω
	BF2-31 w.r.to BF2-44		<100m Ω	6m Ω	6m Ω
	BF2-32 w.r.to BF2-44		<100m Ω	6m Ω	6m Ω
	BF2-33 w.r.to BF2-44		<100m Ω	6m Ω	6m Ω
	BF2-42 w.r.to BF2-44		<100m Ω	4m Ω	4m Ω
	BF2-43 w.r.to BF2-44		<100m Ω	3m Ω	3m Ω
88	BF2-34 w.r.to BF2-35	+28V ₆ (T/M1 Live & T/M2 Live)	2.8k Ω \pm 2%	2.791k Ω	2.791k Ω
89	BF2-36 w.r.to BF2-37	-15V ₅ (T/M1 Live & T/M2 Live)	2.6k Ω \pm 2%	2.609k Ω	2.609k Ω
90	BF2-38 w.r.to BF2-39	+28V ₆ T/M Return	<100m Ω	3m Ω	3m Ω
91	BF2-40 w.r.to BF2-41	\pm 15V ₅ T/M Return	<100m Ω	3m Ω	53m Ω
92	BF2-45 w.r.to BF2-49	-15V ₅ Live	<100m Ω	4m Ω	4m Ω
	BF2-46 w.r.to BF2-49		<100m Ω	4m Ω	4m Ω
	BF2-47 w.r.to BF2-49		<100m Ω	4m Ω	3m Ω
	BF2-48 w.r.to BF2-49		<100m Ω	4m Ω	3m Ω
93	BF2-50 w.r.to Chassis-1	Chassis point w.r.t chassis	<100m Ω	24m Ω	22m Ω
94	BF2-28 w.r.to BF2-39	+28V ₆ Return w.r.t +28V ₆ T/M Return	<100m Ω	5m Ω	4m Ω
95	BF2-29 w.r.to BF2-41	\pm 15V ₅ Return w.r.t +15V ₅ T/M Return	<100m Ω	6m Ω	6m Ω
96	BF2-12 w.r.to BF2-45	+15V ₅ Live w.r.t -15V ₅ Live	>300 Ω	501.312 Ω	501.281 Ω
97	BF2-34 w.r.to BF2-38	+28V ₆ TM Live w.r.t +28V ₆ TM Return	1.4k Ω \pm 2%	1.396k Ω	1.396k Ω
98	BF2-36 w.r.to BF2-40	-15V ₅ TM Live w.r.t \pm 15V ₅ TM Return	1.3k Ω \pm 2%	1.309k Ω	1.309k Ω
99	BF2-1 w.r.to BF2-18	+5.25V ₄ Live w.r.t +5.25V ₄ Return	48 Ω \pm 2%	48.459 Ω	48.454 Ω
100	BF2-13 w.r.to BF2-30	+15V ₅ Live w.r.t \pm 15V ₅ Return	250 Ω \pm 2%	247.678 Ω	247.678 Ω
101	BF2-30 w.r.to BF2-46	\pm 15V ₅ Return wrt -15V ₅ Live	250 Ω \pm 2%	253.541 Ω	253.542 Ω
102	BF2-5 w.r.to BF2-22	+28V ₆ Live w.r.t +28V ₆ Return	235 Ω \pm 2%	235.658 Ω	235.658 Ω
103	BF1-1 w.r.to BF2-1	+5.25V ₄ Live	<100m Ω	13m Ω	13m Ω
104	BF1-5 w.r.to BF2-5	+28V ₆ Live	<100m Ω	20m Ω	20m Ω
105	BF1-12 w.r.to BF2-12	+15V ₅ Live	<100m Ω	14m Ω	14m Ω
106	BF1-18 w.r.to BF2-18	+5.25V ₄ Return	<100m Ω	13m Ω	13m Ω
107	BF1-22 w.r.to BF2-22	+28V ₆ Return	<100m Ω	10m Ω	10m Ω
108	BF1-30 w.r.to BF2-30	\pm 15V ₅ Return	<100m Ω	8m Ω	8m Ω

109	BF1-46 w.r.to BF2-46	-15V ₅ Live	<100mΩ	10mΩ	10mΩ
110	BF1-40 w.r.to BF2-40	±15V ₅ T/M Return	<100mΩ	10mΩ	10mΩ
111	All pins wrt chassis		>100MΩ	>100MΩ	>100MΩ
112	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ

Power Module (PM)-Prime: Isolation Test Results

SI No	Pin Details	Description	Expected(Ω)	Results (Ω)	
				ISRC	FSRC
1	AM1-1 w.r.to AF1-1	+28V Live w.r.t. +5.25V ₁ Live	>100MΩ	>100MΩ	>100MΩ
2	AM1-1 w.r.to AF1-13	+28V Live w.r.t. +15V ₂ Live	>100MΩ	>100MΩ	>100MΩ
3	AM1-1 w.r.to AF1-46	+28V Live w.r.t. -15V ₂ Live	>100MΩ	>100MΩ	>100MΩ
4	AM1-1 w.r.to AF1-5	+28V Live w.r.t. +28V ₃ Live	>100MΩ	>100MΩ	>100MΩ
5	AM1-1 w.r.to BF1-1	+28V Live w.r.t. +5.25V ₄ Live	>100MΩ	>100MΩ	>100MΩ
6	AM1-1 w.r.to BF1-13	+28V Live w.r.t. +15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
7	AM1-1 w.r.to BF1-46	+28V Live w.r.t. -15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
8	AM1-1 w.r.to BF1-5	+28V Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
9	AM1-6 w.r.to AF1-18	+28V Return w.r.t. +5.25V ₁ Return	>100MΩ	>100MΩ	>100MΩ
10	AM1-6 w.r.to AF1-30	+28V Return w.r.t. ±15V ₂ Return	>100MΩ	>100MΩ	>100MΩ
11	AM1-6 w.r.to AF1-22	+28V Return w.r.t. +28V ₃ Return	>100MΩ	>100MΩ	>100MΩ
12	AM1-6 w.r.to BF1-18	+28V Return w.r.t. +5.25V ₄ Return	>100MΩ	>100MΩ	>100MΩ
13	AM1-6 w.r.to BF1-30	+28V Return w.r.t. ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
14	AM1-6 w.r.to BF1-22	+28V Return w.r.t. +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
15	AF1-1 w.r.to AF1-13	+5.25V ₁ Live w.r.t. +15V ₂ Live	>100MΩ	>100MΩ	>100MΩ
16	AF1-1 w.r.to AF1-46	+5.25V ₁ Live w.r.t. -15V ₂ Live	>100MΩ	>100MΩ	>100MΩ
17	AF1-1 w.r.to AF1-5	+5.25V ₁ Live w.r.t. +28V ₃ Live	>100MΩ	>100MΩ	>100MΩ
18	AF1-1 w.r.to BF1-1	+5.25V ₁ Live w.r.t. +5.25V ₄ Live	>100MΩ	>100MΩ	>100MΩ
19	AF1-1 w.r.to BF1-13	+5.25V ₁ Live w.r.t. +15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
20	AF1-1 w.r.to BF1-46	+5.25V ₁ Live w.r.t. -15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
21	AF1-1 w.r.to BF1-5	+5.25V ₁ Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
22	AF1-13 w.r.to AF1-5	+15V ₂ Live w.r.t. +28V ₃ Live	>100MΩ	>100MΩ	>100MΩ
23	AF1-13 w.r.to BF1-1	+15V ₂ Live w.r.t. +5.25V ₄ Live	>100MΩ	>100MΩ	>100MΩ
24	AF1-13 w.r.to BF1-13	+15V ₂ Live w.r.t. +15V ₅ Live	>100MΩ	>100MΩ	>100MΩ

25	AF1-13 w.r.to BF1-46	+15V ₂ Live w.r.t. -15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
26	AF1-13 w.r.to BF1-5	+15V ₂ Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
27	AF1-46 w.r.to AF1-5	-15V ₂ Live w.r.t. +28V ₃ Live	>100MΩ	>100MΩ	>100MΩ
28	AF1-46 w.r.to BF1-1	-15V ₂ Live w.r.t. +5.25V ₄ Live	>100MΩ	>100MΩ	>100MΩ
29	AF1-46 w.r.to BF1-13	-15V ₂ Live w.r.t. +15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
30	AF1-46 w.r.to BF1-46	-15V ₂ Live w.r.t. -15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
31	AF1-46 w.r.to BF1-5	-15V ₂ Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
32	AF1-5 w.r.to BF1-1	+28V ₃ Live w.r.t. +5.25V ₄ Live	>100MΩ	>100MΩ	>100MΩ
33	AF1-5 w.r.to BF1-13	+28V ₃ Live w.r.t. +15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
34	AF1-5 w.r.to BF1-46	+28V ₃ Live w.r.t. -15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
35	AF1-5 w.r.to BF1-5	+28V ₃ Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
36	AF1-18 w.r.to AF1-30	+5.25V ₁ Return w.r.t ±15V ₂ Return	>100MΩ	>100MΩ	>100MΩ
37	AF1-18 w.r.to AF1-22	+5.25V ₁ Return w.r.t. +28V ₃ Return	>100MΩ	>100MΩ	>100MΩ
38	AF1-18 w.r.to BF1-18	+5.25V ₁ Return w.r.t. +5.25V ₄ Return	>100MΩ	>100MΩ	>100MΩ
39	AF1-18 w.r.to BF1-30	+5.25V ₁ Return w.r.t. ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
40	AF1-18 w.r.to BF1-22	+5.25V ₁ Return w.r.t. +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
41	AF1-30 w.r.to AF1-22	±15V ₂ Return w.r.t. +28V ₃ Return	>100MΩ	>100MΩ	>100MΩ
42	AF1-30 w.r.to BF1-18	±15V ₂ Return w.r.t +5.25V ₄ Return	>100MΩ	>100MΩ	>100MΩ
43	AF1-30 w.r.to BF1-30	±15V ₂ Return w.r.t ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
44	AF1-30 w.r.to BF1-22	±15V ₂ Return w.r.t +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
45	AF1-22 w.r.to BF1-18	+28V ₃ Return w.r.t. +5.25V ₄ Return	>100MΩ	>100MΩ	>100MΩ
46	AF1-22 w.r.to BF1-30	+28V ₃ Return w.r.t. ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
47	AF1-22 w.r.to BF1-22	+28V ₃ Return w.r.t. +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
48	AM1-6 w.r.to Chassis- 1	+28V Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
49	AF1-18 w.r.to Chassis-1	+5.25V ₁ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
50	AF1-30 w.r.to Chassis-1	±15V ₂ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
51	AF1-22 w.r.to Chassis-1	+28V ₃ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
52	AM1-1 w.r.to Chassis- 1	+28V Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
53	AF1-1 w.r.to Chassis- 1	+5.25V ₁ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ

54	AF1-13 w.r.to Chassis-1	+15V ₂ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
55	AF1-46 w.r.to Chassis-1	-15V ₂ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
56	AF1-5 w.r.to Chassis-1	+28V ₃ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
42	AF1-30 w.r.to BF1-18	±15V ₂ Return w.r.t +5.25V ₄ Return	>100MΩ	>100MΩ	>100MΩ
43	AF1-30 w.r.to BF1-30	±15V ₂ Return w.r.t ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
44	AF1-30 w.r.to BF1-22	±15V ₂ Return w.r.t +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
45	AF1-22 w.r.to BF1-18	+28V ₃ Return w.r.t. +5.25V ₄ Return	>100MΩ	>100MΩ	>100MΩ
46	AF1-22 w.r.to BF1-30	+28V ₃ Return w.r.t. ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
47	AF1-22 w.r.to BF1-22	+28V ₃ Return w.r.t. +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
48	AM1-6 w.r.to Chassis-1	+28V Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
49	AF1-18 w.r.to Chassis-1	+5.25V ₁ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
50	AF1-30 w.r.to Chassis-1	±15V ₂ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
51	AF1-22 w.r.to Chassis-1	+28V ₃ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
52	AM1-1 w.r.to Chassis-1	+28V Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
53	AF1-1 w.r.to Chassis-1	+5.25V ₁ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
54	AF1-13 w.r.to Chassis-1	+15V ₂ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
55	AF1-46 w.r.to Chassis-1	-15V ₂ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
56	AF1-5 w.r.to Chassis-1	+28V ₃ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ

Power Module (PM)-Redundant: Isolation Test Results

Sl No	Pin Details	Description	Expected(Ω)	Results (Ω)	
				ISRC	FSRC
1	BM1-1 w.r.to AF1-1	+28V Live w.r.t. +5.25V ₁ Live	>100MΩ	>100MΩ	>100MΩ
2	BM1-1 w.r.to AF1-13	+28V Live w.r.t. +15V ₂ Live	>100MΩ	>100MΩ	>100MΩ
3	BM1-1 w.r.to AF1-46	+28V Live w.r.t. -15V ₂ Live	>100MΩ	>100MΩ	>100MΩ
4	BM1-1 w.r.to AF1-5	+28V Live w.r.t. +28V ₃ Live	>100MΩ	>100MΩ	>100MΩ
5	BM1-1 w.r.to BF1-1	+28V Live w.r.t. +5.25V ₄ Live	>100MΩ	>100MΩ	>100MΩ
6	BM1-1 w.r.to BF1-13	+28V Live w.r.t. +15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
7	BM1-1 w.r.to BF1-46	+28V Live w.r.t. -15V ₅ Live	>100MΩ	>100MΩ	>100MΩ

8	BM1-1 w.r.to BF1-5	+28V Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
9	BM1-6 w.r.to AF1-18	+28V Return w.r.t. +5.25V ₁ Return	>100MΩ	>100MΩ	>100MΩ
10	BM1-6 w.r.to AF1-30	+28V Return w.r.t. ±15V ₂ Return	>100MΩ	>100MΩ	>100MΩ
11	BM1-6 w.r.to AF1-22	+28V Return w.r.t. +28V ₃ Return	>100MΩ	>100MΩ	>100MΩ
12	BM1-6 w.r.to BF1-18	+28V Return w.r.t. +5.25V ₄ Return	>100MΩ	>100MΩ	>100MΩ
13	BM1-6 w.r.to BF1-30	+28V Return w.r.t. ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
14	BM1-6 w.r.to BF1-22	+28V Return w.r.t. +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
15	BF1-1 w.r.to BF1-13	+5.25V ₄ Live w.r.t. +15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
16	BF1-1 w.r.to BF1-46	+5.25V ₄ Live w.r.t. -15V ₅ Live	>100MΩ	>100MΩ	>100MΩ
17	BF1-1 w.r.to BF1-5	+5.25V ₄ Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
18	BF1-13 w.r.to BF1-5	+15V ₅ Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
19	BF1-46 w.r.to BF1-5	-15V ₅ Live w.r.t. +28V ₆ Live	>100MΩ	>100MΩ	>100MΩ
20	BF1-18 w.r.to BF1-30	+5.25V ₄ Return w.r.t. ±15V ₅ Return	>100MΩ	>100MΩ	>100MΩ
21	BF1-18 w.r.to BF1-22	+5.25V ₄ Return w.r.t. +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
22	BF1-30 w.r.to BF1-22	±15V ₅ Return w.r.t. +28V ₆ Return	>100MΩ	>100MΩ	>100MΩ
23	BM1-6 w.r.to Chassis-1	+28V Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
24	BF1-18 w.r.to Chassis-1	+5.25V ₄ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
25	BF1-30 w.r.to Chassis-1	±15V ₅ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
26	BF1-22 w.r.to Chassis-1	+28V ₆ Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
27	BM1-1 w.r.to Chassis-1	+28V Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
28	BF1-1 w.r.to Chassis-1	+5.25V ₄ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
29	BF1-13 w.r.to Chassis-1	+15V ₅ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
30	BF1-46 w.r.to Chassis-1	-15V ₅ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
31	BF1-5 w.r.to Chassis-1	+28V ₆ Live w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
32	AM1-1 w.r.to BM1-1	+28V Live(A) w.r.t. +28V Live(B)	>100MΩ	>100MΩ	>100MΩ
33	AM1-6 w.r.to BM1-6	+28V Return(A) w.r.t. +28V Return(B)	>100MΩ	>100MΩ	>100MΩ

List of connectors in the Package

1.AM1,BM1=9M

2.AF1,AF2,BF1,BF2=50F