

67	CIR-8 wrt CP-8	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
68	CIR-8 wrt CP-9	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
69	CIR-8 wrt CP-10	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
70	CIR-8 wrt CP-11	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
71	CIR-8 wrt CP-12	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
Issue Sqb Battery ON command (Apply 28V pulsed at CHI-1 wrt 2)					
72	BIP-1 wrt CIP-8	Contact-P wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
73	BIP-1 wrt CIP-8	Contact-P wrt Coil R	>100 MΩ	>100MΩ	>100MΩ
74	BIR-1 wrt CIP-8	Contact-R wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
75	BIR-1 wrt CIP-8	Contact-R wrt Coil R	>100 MΩ	>100MΩ	>100MΩ
Issue Sqb Battery OFF command (Apply 28V pulsed at CHI-3 wrt 2)					
76	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ
77	All pins wrt chassis		>100MΩ	>100MΩ	>100MΩ

Checklist of CEM GS2 CUS_PYRO4

9.1.5 Pyro-4 Module

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
1	CIP-1 wrt CIR-1	CMD 21 I/P HIGH-P wrt R	0.15-0.35Ω	252mΩ	251mΩ
2	CIP-5 wrt CIR-5	CMD BAR 21 I/P HIGH-P wrt R	0.15-0.35Ω	215mΩ	216mΩ
3	CIP-2 wrt CIR-2	CMD 25 I/P HIGH-P wrt R	<300mΩ	188mΩ	189mΩ
4	CIP-6 wrt CIR-6	CMD BAR 25 I/P HIGH-P wrt R	0.35-0.55Ω	466mΩ	466mΩ
5	CIP-3 wrt CIR-3	CMD15.2 I/P HIGH-P wrt R	0.45-0.65Ω	563mΩ	563mΩ
6	CIP-7 wrt CIR-7	CMD BAR 15.2 I/P HIGH-P wrt R	0.5-0.75Ω	634mΩ	635mΩ
7	CIP-8 wrt CIP-9	28V COIL SUPPLY (P)	<100mΩ	7mΩ	7mΩ
8	CIR-8 wrt CIR-9	28V COIL SUPPLY(R)	<100mΩ	8mΩ	8mΩ
9	PO-1 wrt RO-1	CMD 21 (P) O/P HIGH-P wrt R	<200mΩ	107mΩ	106mΩ
10	PO-2 wrt RO-2	CMD 21 (P) O/P HIGH-P wrt R	<200mΩ	103mΩ	102mΩ
11	PO-3 wrt RO-3	CMD 21 (P) O/P HIGH-P wrt R	<200mΩ	98mΩ	98mΩ
12	PO-4 wrt RO-4	CMD 21 (P) O/P HIGH-P wrt R	<200mΩ	89mΩ	89mΩ
13	PO-5 wrt RO-5	CMD 21(R) O/P HIGH-P wrt R	<200mΩ	95mΩ	95mΩ
14	PO-8 wrt RO-8	CMD 21(R) O/P HIGH-P wrt R	<100mΩ	50mΩ	49mΩ
15	PO-9 wrt RO-9	CMD 21(R) O/P HIGH-P wrt R	<100mΩ	58mΩ	58mΩ
16	PO-10 wrt RO-10	CMD 21(R) O/P HIGH-P wrt R	<100mΩ	81mΩ	81mΩ
17	PO-11 wrt RO-11	CMD 25 (P) O/P HIGH-P wrt R	<300mΩ	149mΩ	148mΩ

SI no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
18	PO-12 wrt RO-12	CMD 25 (P) O/P HIGH-P wrt R	<300mΩ	184mΩ	184mΩ
19	PO-13 wrt RO-13	CMD 25 (P) O/P HIGH-P wrt R	<300mΩ	159mΩ	159mΩ
20	PO-14 wrt RO-14	CMD 25 (P) O/P	0.15-0.35Ω	242mΩ	241mΩ
21	PO-15 wrt RO-15	CMD 25(R) O/P HIGH-P wrt R	<100mΩ	77mΩ	76mΩ
22	PO-16 wrt RO-16	CMD 25(R) O/P HIGH-P wrt R	0.1-0.3Ω	198mΩ	196mΩ
23	PO-6 wrt RO-6	CMD15.2 (P) O/P HIGH-P wrt R	4Ω – 4.3Ω	4.062Ω	4.062 Ω
24	PO-7 wrt RO-7	CMD15.2 (R) O/P HIGH-P wrt R	4Ω – 4.3Ω	4.043Ω	4.043 Ω
25	PO-1 wrt PO-4	CMD 21 (P)	2Ω - 2.3Ω	2.100Ω	2.099 Ω
26	PO-2 wrt PO-3	CMD 21 (P)	2Ω - 2.3Ω	2.097Ω	2.097 Ω
27	PO-8 wrt PO-9	CMD 21 (R)	2Ω - 2.3Ω	2.089Ω	2.089 Ω
28	PO-5 wrt PO-10	CMD 21 (R)	2Ω - 2.3Ω	2.102Ω	2.102 Ω
29	PO-11 wrt PO-12	CMD 25 (P)	2Ω - 2.3Ω	2.197Ω	2.197 Ω
30	PO-14 wrt PO-15	CMD 25 (R)	2Ω - 2.3Ω	2.207Ω	2.206 Ω
31	CIP-8 wrt CIR-8	Coil supply Oring diodes	>100 MΩ	>100MΩ	>100MΩ
32	CIR-8 wrt CIP-8	Coil supply Oring diodes	>100 MΩ	>100MΩ	>100MΩ
33	CIP-8 wrt PO-2	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
34	CIP-8 wrt PO-8	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
35	CIP-8 wrt PO-11	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
36	CIP-8 wrt PO-14	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
37	CIP-8 wrt PO-6	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
38	CIP-8 wrt PO-7	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
39	CIP-8 wrt CP-1	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
40	CIP-8 wrt CP-2	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
41	CIP-8 wrt CP-3	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
42	CIP-8 wrt CP-4	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
43	CIP-8 wrt CP-5	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
44	CIP-8 wrt CP-6	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
45	CIP-8 wrt CP-7	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
46	CIP-8 wrt CP-8	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
47	CIP-8 wrt CP-9	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
48	CIP-8 wrt CP-10	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
49	CIP-8 wrt CP-11	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
50	CIP-8 wrt CP-12	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
51	CIR-8 wrt PO-2	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ

SI no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
52	CIR-8 wrt PO-6	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
53	CIR-8 wrt PO-7	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
54	CIR-8 wrt PO-8	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
55	CIR-8 wrt PO-11	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
56	CIR-8 wrt PO-14	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
57	CIR-8 wrt CP-1	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
58	CIR-8 wrt CP-2	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
59	CIR-8 wrt CP-3	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
60	CIR-8 wrt CP-4	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
61	CIR-8 wrt CP-5	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
62	CIR-8 wrt CP-6	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
63	CIR-8 wrt CP-7	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
64	CIR-8 wrt CP-8	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
65	CIR-8 wrt CP-9	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
66	CIR-8 wrt CP-10	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
67	CIR-8 wrt CP-11	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
68	CIR-8 wrt CP-12	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
69	PO-2 wrt PO-8	Contact P&R o/ps	>100 MΩ	>100MΩ	>100MΩ
70	PO-11 wrt PO-14	Contact P&R o/ps	>100 MΩ	>100MΩ	>100MΩ
71	PO-6 wrt PO-7	Contact P&R o/ps	>100 MΩ	>100MΩ	>100MΩ
Issue Sqb Battery ON command (Apply 28V pulsed at CHI-1 wrt 2)					
72	BIP-1 wrt CIP-8	Contact-P wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
73	BIP-1 wrt CIR-8	Contact-P wrt Coil R	>100 MΩ	>100MΩ	>100MΩ
74	BIR-1 wrt CIP-8	Contact-R wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
75	BIR-1 wrt CIR-8	Contact-R wrt Coil R	>100 MΩ	>100MΩ	>100MΩ
Issue Sqb Battery OFF command (Apply 28V pulsed at CHI-3 wrt 2)					
76	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ
77	All pins wrt chassis		>100MΩ	>100MΩ	>100MΩ

* BIP & BIR are connectors in BAT GS2 module

List of Connectors in the package

1. CIP and CIR=9 pin Male
2. PO and RO =25 pin Female
3. CP=15 pin Female