

Issue Sqb Battery ON command (Apply 28V pulsed at CHI-1 wrt 2)					
118	BIP-1 wrt CIP-24	Contact-P wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
119	BIP-1 wrt CIR-24	Contact-P wrt Coil R	>100 MΩ	>100MΩ	>100MΩ
120	BIR-1 wrt CIP-24	Contact-R wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
121	BIR-1 wrt CIR-24	Contact-R wrt Coil R	>100 MΩ	>100MΩ	>100MΩ
122	BIP-1 wrt PO-24	Contact-P wrt Pogo Contact-P	>100 MΩ	>100MΩ	>100MΩ
123	BIP-1 wrt RO-24	Contact-P wrt Pogo Contact-R	>100 MΩ	>100MΩ	>100MΩ
124	BIR-1 wrt PO-24	Contact-R wrt Pogo Contact-P	>100 MΩ	>100MΩ	>100MΩ
125	BIR-1 wrt RO-24	Contact-R wrt Pogo Contact-R	>100 MΩ	>100MΩ	>100MΩ
Issue Sqb Battery OFF command (Apply 28V pulsed at CHI-3 wrt 2)					
126	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ
127	All pins wrt chassis		>100MΩ	>100MΩ	>100MΩ

* BIP & BIR are connectors in BAT GS2 module

Checklist of CEM GS2 CUS_PYRO2

9.1.3 Pyro-2 Module

SI no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
1	CIP-1 wrt CIR-1	CMD 27A (P wrt R) I/P HIGH	0.15-0.35Ω	264mΩ	263mΩ
2	CIP-5 wrt CIR-5	CMD BAR 27A (P wrt R) I/P HIGH	<300mΩ	229mΩ	228mΩ
3	CIP-3 wrt CIR-3	Cmd 15.4 (P wrt R) I/P HIGH	0.4-0.65Ω	582mΩ	580mΩ
4	CIP-7 wrt CIR-7	Cmd 15.4 (P wrt R) I/P HIGH	0.5-0.75Ω	669mΩ	668mΩ
5	CIP-2 wrt CIR-2	CMD 27 (P wrt R) I/P HIGH	0.2-0.4Ω	341mΩ	341mΩ
6	CIP-6 wrt CIR-6	CMD BAR 27 (P wrt R) I/P HIGH	0.35-0.55Ω	479mΩ	477mΩ
7	CIP-8 wrt CIP-9	28V COIL SUPPLY (P) I/P HIGH	<100mΩ	7mΩ	8mΩ
8	CIR-8 wrt CIR-9	28V COIL SUPPLY (R) I/P HIGH	<100mΩ	9mΩ	7mΩ
9	PO-1 wrt RO-1	CMD 27A (P) O/P HIGH-P wrt R	<200mΩ	112mΩ	112mΩ
10	PO-2 wrt RO-2	CMD 27A (P) O/P HIGH-P wrt R	<200mΩ	109mΩ	109mΩ
11	PO-4 wrt RO-4	CMD 27A (R) O/P HIGH-P wrt R	<200mΩ	97mΩ	97mΩ
12	PO-5 wrt RO-5	CMD 27A (R) O/P HIGH-P wrt R	<200mΩ	102mΩ	102mΩ
13	PO-9 wrt RO-9	CMD 27 (P) O/P HIGH-P wrt R	<150mΩ	68mΩ	68mΩ
14	PO-10 wrt RO-10	CMD 27 (P) O/P HIGH-P wrt R	<150mΩ	80mΩ	80mΩ
15	PO-12 wrt RO-12	CMD 27 (R) O/P HIGH-P wrt R	0.15-0.35Ω	216mΩ	215mΩ
16	PO-13 wrt RO-13	CMD 27 (R) O/P HIGH-P wrt R	0.15-0.35Ω	252mΩ	251mΩ
17	PO-6 wrt RO-6	Cmd 15.4 O/P HIGH-P wrt R	<150mΩ	62mΩ	62mΩ

SI no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
18	PO-7 wrt RO-7	Cmd 15.4 O/P HIGH-P wrt R	<150mΩ	58mΩ	57mΩ
19	PO-1 wrt PO-2	CMD 27A (P)	2Ω - 2.3Ω	2.076Ω	2.075 Ω
20	PO-4 wrt PO-5	CMD 27A (R)	2Ω - 2.3Ω	2.088Ω	2.088 Ω
21	PO-9 wrt PO-10	CMD 27A (P)	2Ω - 2.3Ω	2.065Ω	2.065 Ω
22	PO-12 wrt PO-13	CMD 27A (R)	2Ω - 2.3Ω	2.247Ω	2.246 Ω
23	CIP-8 wrt CIR-8	Coil supply Oring diodes	>100 MΩ	>100MΩ	>100MΩ
24	CIR-8 wrt CIP-8	Coil supply Oring diodes	>100 MΩ	>100MΩ	>100MΩ
25	CIP-8 wrt PO-1	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
26	CIP-8 wrt PO-4	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
27	CIP-8 wrt PO-9	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
28	CIP-8 wrt PO-12	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
29	CIP-8 wrt CP-1	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
30	CIP-8 wrt CP-2	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
31	CIP-8 wrt CP-3	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
32	CIP-8 wrt CP-4	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
33	CIP-8 wrt CP-5	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
34	CIP-8 wrt CP-6	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
35	CIP-8 wrt CP-7	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
36	CIP-8 wrt CP-8	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
37	PO-6 wrt PO-7	P & R contact o/ps	>100 MΩ	>100MΩ	>100MΩ
38	PO-1 wrt PO-4	P & R contact o/ps	>100 MΩ	>100MΩ	>100MΩ
39	PO-9 wrt PO-12	P & R contact o/ps	>100 MΩ	>100MΩ	>100MΩ
40	CIP-8 wrt PO-6	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
41	CIP-8 wrt PO-7	Coil-P wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
42	CIP-8 wrt CP-9	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
43	CIP-8 wrt CP-10	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
44	CIP-8 wrt CP-11	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
45	CIP-8 wrt CP-12	Coil-P wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
46	CIR-8 wrt PO-1	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
47	CIR-8 wrt PO-4	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
48	CIR-8 wrt PO-6	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
49	CIR-8 wrt PO-7	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
50	CIR-8 wrt PO-9	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ
51	CIR-8 wrt PO-12	Coil-R wrt contact o/ps	>100 MΩ	>100MΩ	>100MΩ

SI no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
52	CIR-8 wrt CP-1	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
53	CIR-8 wrt CP-2	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
54	CIR-8 wrt CP-3	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
55	CIR-8 wrt CP-4	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
56	CIR-8 wrt CP-5	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
57	CIR-8 wrt CP-6	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
58	CIR-8 wrt CP-7	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
59	CIR-8 wrt CP-8	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
60	CIR-8 wrt CP-9	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
61	CIR-8 wrt CP-10	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
62	CIR-8 wrt CP-11	Coil-R wrt contact CPs	>100 MΩ	>100MΩ	>100MΩ
63	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)					
64	BIP-1 wrt CIP-8	Contact-P wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
65	BIP-1 wrt CIR-8	Contact-P wrt Coil R	>100 MΩ	>100MΩ	>100MΩ
66	BIR-1 wrt CIP-8	Contact-R wrt Coil P	>100 MΩ	>100MΩ	>100MΩ
67	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)					
68	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ
69	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,RO and CP =15 pin Female