

Sl. No	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
54.	BIP-1 wrt PO-24	Sqb BAT wrt Coil (P) live	>100MΩ	>100MΩ	>100MΩ
55.	BIR-1 wrt RO-24	Sqb BAT wrt Coil (R) live	>100MΩ	>100MΩ	>100MΩ
All connector mounting posts wrt chassis			<100mΩ	<100mΩ	<100mΩ
All pins with respect to chassis			>100MΩ	>100MΩ	>100MΩ

Checklist of CEM CS CUS_PYRO4

PYRO - 4 Card

Sl. No.	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
1.	CIP-1 wrt CIR-1	CMD 53	0.2 - 0.5Ω(Short)	311mΩ	313mΩ
2.	CIP-2 wrt CIR-2	CMD 48	0.3 - 0.75Ω(Short)	518mΩ	517mΩ
3.	CIP-3 wrt CIR-3	CMD 18.2	0.5Ω - 1Ω(Short)	718mΩ	718mΩ
4.	CIP-4 wrt CIR-4	CMD 74	0.5Ω - 1Ω(Short)	713mΩ	714mΩ
5.	CIP-9 wrt CIR-9	CMD/ 53	0.4 - 0.75Ω(Short)	613mΩ	613mΩ
6.	CIP-10 wrt CIR-10	CMD/ 48	0.1 - 0.4Ω (Short)	269mΩ	269mΩ
7.	CIP-11 wrt CIR-11	CMD/ 18.2	0.5Ω - 1Ω(Short)	876mΩ	877mΩ
8.	CIP-12 wrt CIR-12	CMD/ 74	0.5Ω - 1Ω(Short)	878mΩ	878mΩ
9.	PO-1 wrt RO-1	CMD 53 O/P	<0.3Ω (Short)	152mΩ	152mΩ
10.	PO-2 wrt RO-2	CMD 53 O/P	<0.3Ω (Short)	140mΩ	140mΩ
11.	PO-3 wrt RO-3	CMD 53 O/P	<0.3Ω (Short)	220mΩ	220mΩ
12.	PO-4 wrt RO-4	CMD 53 O/P	<0.2Ω (Short)	127mΩ	128mΩ
13.	PO-5 wrt RO-5	CMD 48 O/P	<0.2Ω (Short)	130mΩ	132mΩ
14.	PO-6 wrt RO-6	CMD 48 O/P	<0.2Ω (Short)	131mΩ	130mΩ
15.	PO-7 wrt RO-7	CMD 48 O/P	<0.3Ω (Short)	176mΩ	176mΩ
16.	PO-8 wrt RO-8	CMD 48 O/P	<0.2Ω (Short)	118mΩ	118mΩ
17.	PO-9 wrt RO-9	CMD 18.2 O/P	<0.3Ω (Short)	178mΩ	178mΩ
18.	PO-10 wrt RO-10	CMD 18.2 O/P	<100mΩ	60mΩ	60mΩ
19.	PO-11 wrt RO-11	CMD 18.2 O/P	<0.2Ω (Short)	109mΩ	109mΩ
20.	PO-12 wrt RO-12	CMD 18.2 O/P	<0.2Ω (Short)	143mΩ	143mΩ
21.	PO-13 wrt RO-13	CMD 74 O/P	<0.2Ω (Short)	126mΩ	126mΩ
23.	PO-15 wrt RO-15	CMD 74 O/P	<0.3Ω (Short)	159mΩ	160mΩ
24.	PO-24 wrt PO-25	28V (P) COIL SUPPLY	<100mΩ	28mΩ	28mΩ
25.	RO-24 wrt RO-25	28V (R) COIL SUPPLY	<100mΩ	25mΩ	26mΩ
26.	PO-24 wrt RO-24	28V COIL P wrt R	>100MΩ	>100MΩ	>100MΩ
27.	RO-24 wrt PO-24	28V COIL R wrt P	>100MΩ	>100MΩ	>100MΩ
28.	PO-24 wrt PO-1	28V COIL input P wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ
29.	PO-24 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
30.	PO-24 wrt PO-3		>100MΩ	>100MΩ	>100MΩ
31.	PO-24 wrt PO-4		>100MΩ	>100MΩ	>100MΩ
32.	PO-24 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
33.	PO-24 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
34.	PO-24 wrt PO-7		>100MΩ	>100MΩ	>100MΩ
35.	PO-24 wrt PO-8		>100MΩ	>100MΩ	>100MΩ
36.	PO-24 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
37.	PO-24 wrt PO-10		>100MΩ	>100MΩ	>100MΩ
38.	PO-24 wrt PO-11		>100MΩ	>100MΩ	>100MΩ

Sl. No.	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
39.	PO-24 wrt PO-12	28V COIL input R wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ
40.	PO-24 wrt PO-13		>100MΩ	>100MΩ	>100MΩ
41.	PO-24 wrt PO-14		>100MΩ	>100MΩ	>100MΩ
42.	PO-24 wrt PO-15		>100MΩ	>100MΩ	>100MΩ
43.	PO-24 wrt PO-16		>100MΩ	>100MΩ	>100MΩ
44.	RO-24 wrt RO-1		>100MΩ	>100MΩ	>100MΩ
45.	RO-24 wrt RO-2		>100MΩ	>100MΩ	>100MΩ
46.	RO-24 wrt RO-3		>100MΩ	>100MΩ	>100MΩ
47.	RO-24 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
48.	RO-24 wrt RO-5		>100MΩ	>100MΩ	>100MΩ
49.	RO-24 wrt RO-6		>100MΩ	>100MΩ	>100MΩ
50.	RO-24 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
51.	RO-24 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
52.	RO-24 wrt RO-9		>100MΩ	>100MΩ	>100MΩ
53.	RO-24 wrt RO-10		>100MΩ	>100MΩ	>100MΩ
54.	RO-24 wrt RO-11		>100MΩ	>100MΩ	>100MΩ
55.	RO-24 wrt RO-12		>100MΩ	>100MΩ	>100MΩ
56.	RO-24 wrt RO-13		>100MΩ	>100MΩ	>100MΩ
57.	RO-24 wrt RO-14		>100MΩ	>100MΩ	>100MΩ
58.	RO-24 wrt RO-15		>100MΩ	>100MΩ	>100MΩ
60.	RO-24 wrt RO-16	>100MΩ	>100MΩ	>100MΩ	
61.	BIP-1 wrt PO-24	Sqb BAT wrt Coil (P) live	>100MΩ	>100MΩ	>100MΩ
62.	BIR-1 wrt RO-24	Sqb BAT wrt Coil (R) live	>100MΩ	>100MΩ	>100MΩ
All connector mounting posts wrt chassis			<100mΩ	<100mΩ	<100mΩ
All pins with respect to chassis			>100MΩ	>100MΩ	>100MΩ

List of Connectors in the package

PYRO -5 Card 1. CIP and CIR=15 pin Male 2. PO,RO and CP =25 pin Female

Sl. No	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
1	CIP-1 wrt CIR-1	CMD 16	0.2 - 0.5Ω (Short)	291mΩ	291mΩ
2	CIP-2 wrt CIR-2	CMD 51	0.3 - 0.75Ω(Short)	462mΩ	463mΩ
3	CIP-3 wrt CIR-3	CMD 38V-1a	0.5Ω - 1Ω(Short)	630mΩ	632mΩ
4	CIP-4 wrt CIR-4	CMD 38V-1b	0.5Ω - 1Ω(Short)	642mΩ	641mΩ
5	CIP-9 wrt CIR-9	CMD/ 16	0.5Ω - 1Ω(Short)	588mΩ	589mΩ
6	CIP-10 wrt CIR-10	CMD/ 51	0.1 - 0.4Ω (Short)	220mΩ	220mΩ
7	CIP-11 wrt CIR-11	CMD/ 38V-1a	0.7 - 1.1Ω(Short)	816mΩ	817mΩ
8	CIP-12 wrt CIR-12	CMD/ 38V-1b	0.7 - 1.1Ω(Short)	807mΩ	808mΩ
9	PO-1 wrt PO-2	CMD 16 O/P	4Ω - 4.2Ω	4.071 Ω	4.071 Ω
10	RO-3 wrt RO-4	CMD 16 O/P	4.1Ω - 4.4Ω	4.276 Ω	4.276 Ω
11	PO-5 wrt PO-6	CMD 51 O/P	4Ω - 4.2Ω	4.072 Ω	4.072 Ω
12	RO-7 wrt RO-8	CMD 51 O/P	4Ω - 4.3Ω	4.195 Ω	4.195 Ω
13	PO-9 wrt PO-10	CMD 38V-1a O/P	1Ω -1.2Ω	1.104 Ω	1.104 Ω
14	RO-11 wrt RO-12	CMD 38V-1a O/P	1Ω -1.2Ω	1.077 Ω	1.077 Ω
15	PO-13 wrt PO-14	CMD 38V-1b O/P	1Ω -1.2Ω	1.054 Ω	1.054 Ω
16	RO-15 wrt RO-16	CMD 38V-1b O/P	1Ω -1.3Ω	1.229 Ω	1.229 Ω
17	PO-24 wrt PO-25	28V(P) COIL SUPPLY	<100mΩ	26mΩ	26mΩ