

Sl. No.	PIN Details	Description	Expected	Observation		
				ISRC	FSRC	
13.	PO-3 wrt RO-3	CMD 69 O/P	<0.3Ω (Short)	215mΩ	214mΩ	
14.	PO-4 wrt RO-4	CMD 69 O/P	<0.2Ω (Short)	125mΩ	125mΩ	
15.	PO-5 wrt RO-5	CMD 18.1 O/P	<0.3Ω (Short)	162mΩ	162mΩ	
16.	PO-6 wrt RO-6	CMD 18.1 O/P	<100mΩ	46mΩ	46mΩ	
17.	PO-7 wrt RO-7	CMD 70 O/P	<0.2Ω (Short)	148mΩ	147mΩ	
18.	PO-8 wrt RO-8	CMD 70 O/P	0.15 - 0.4Ω(Short)	261mΩ	260mΩ	
19.	PO-9 wrt RO-9	CMD 75 O/P	<0.3Ω (Short)	127mΩ	127mΩ	
20.	PO-10 wrt RO-10	CMD 75 O/P	<0.3Ω (Short)	172mΩ	172mΩ	
21.	PO-14 wrt PO-15	28V(P) COIL SUPPLY	<100mΩ	4mΩ	5mΩ	
22.	RO-14 wrt RO-15	28V(R) COIL SUPPLY	<100mΩ	7mΩ	7mΩ	
23.	PO-14 wrt RO-14	28V COIL P wrt R	>100MΩ	>100MΩ	>100MΩ	
24.	RO-14 wrt PO-14	28V COIL R wrt P	>100MΩ	>100MΩ	>100MΩ	
25.	PO-14 wrt PO-1	28V COIL input P wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ	
26.	PO-14 wrt PO-2		>100MΩ	>100MΩ	>100MΩ	
27.	PO-14 wrt PO-3		>100MΩ	>100MΩ	>100MΩ	
28.	PO-14 wrt PO-4		>100MΩ	>100MΩ	>100MΩ	
29.	PO-14 wrt PO-5		>100MΩ	>100MΩ	>100MΩ	
30.	PO-14 wrt PO-6		28V COIL input P wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ
31.	PO-14 wrt PO-7			>100MΩ	>100MΩ	>100MΩ
32.	PO-14 wrt PO-8			>100MΩ	>100MΩ	>100MΩ
33.	PO-14 wrt PO-9			>100MΩ	>100MΩ	>100MΩ
34.	PO-14 wrt PO-10			>100MΩ	>100MΩ	>100MΩ
35.	RO-14 wrt RO-1	28V COIL input R wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ	
36.	RO-14 wrt RO-2		>100MΩ	>100MΩ	>100MΩ	
37.	RO-14 wrt RO-3		>100MΩ	>100MΩ	>100MΩ	
38.	RO-14 wrt RO-4		>100MΩ	>100MΩ	>100MΩ	
39.	RO-14 wrt RO-5		>100MΩ	>100MΩ	>100MΩ	
40.	RO-14 wrt RO-6		>100MΩ	>100MΩ	>100MΩ	
41.	RO-14 wrt RO-7		>100MΩ	>100MΩ	>100MΩ	
42.	RO-14 wrt RO-8		>100MΩ	>100MΩ	>100MΩ	
43.	RO-14 wrt RO-9		>100MΩ	>100MΩ	>100MΩ	
44.	RO-14 wrt RO-10		>100MΩ	>100MΩ	>100MΩ	
45.	BIP-1 wrt PO-14	Sqb BAT wrt Coil (P) live	>100MΩ	>100MΩ	>100MΩ	
46.	BIR-1 wrt RO-14	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_PYRO3

PYRO -3 Card

Sl. No	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
1.	CIP-1 wrt CIR-1	CMD 39G-1	0.2 - 0.5Ω (Short)	313mΩ	313mΩ
2.	CIP-2 wrt CIR-2	CMD 38M-1	0.3 - 0.75Ω(Short)	529mΩ	529mΩ
3.	CIP-3 wrt CIR-3	CMD 64	0.5 Ω - 1Ω(Short)	720mΩ	720mΩ
4.	CIP-4 wrt CIR-4	SPARE CMD	0.5Ω - 1Ω(Short)	755mΩ	754mΩ
5.	CIP-9 wrt CIR-9	CMD/ 39G-1	0.5Ω - 1Ω(Short)	617mΩ	616mΩ
6.	CIP-10 wrt CIR-10	CMD/ 38M-1	0.15 - 0.4Ω(Short)	289mΩ	288mΩ

Sl. No	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
7.	CIP-11 wrt CIR-11	CMD/ 64	0.7Ω -1.1Ω(Short)	896mΩ	895mΩ
8.	CIP-12 wrt CIR-12	SPARE CMD/	0.7Ω -1.1Ω(Short)	888mΩ	887mΩ
9.	PO-1 wrt PO-2	CMD 39G-1 O/P	1Ω - 1.2Ω	1.062 Ω	1.062 Ω
10.	RO-3 wrt RO-4	CMD 39G-1 O/P	1Ω - 1.3Ω	1.279 Ω	1.279 Ω
11.	PO-5 wrt PO-6	CMD 38M-1 O/P	1Ω - 1.2Ω	1.064 Ω	1.064 Ω
12.	RO-7 wrt RO-8	CMD 38M-1 O/P	1Ω - 1.3Ω	1.184 Ω	1.184 Ω
13.	PO-9 wrt RO-9	CMD 64 O/P-P	0.1Ω – 0.4Ω	177mΩ	176mΩ
14.	PO-11 wrt RO-11	CMD 64 O/P-R	0.1Ω – 0.4Ω	111mΩ	110mΩ
15.	PO-9 wrt PO-11	CMD 64 O/P P&R	>100MΩ	>100MΩ	>100MΩ
16.	PO-13 wrt PO-14	CMD SPARE O/P	1Ω - 1.2Ω	1.059 Ω	1.059 Ω
17.	RO-15 wrt RO-16	CMD SPARE O/P	1Ω - 1.3Ω	1.246 Ω	1.245 Ω
18.	PO-24 wrt PO-25	28V(P)COIL SUPPLY	<100mΩ	28mΩ	27mΩ
19.	RO-24 wrt RO-25	28V(R)COIL SUPPLY	<100mΩ	27mΩ	25mΩ
20.	PO-24 wrt RO-24	28V COIL P wrt R	>100MΩ	>100MΩ	>100MΩ
21.	RO-24 wrt PO-24	28V COIL R wrt P	>100MΩ	>100MΩ	>100MΩ
22.	PO-24 wrt PO-1	28V COIL input P wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ
23.	PO-24 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
24.	PO-24 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
25.	PO-24 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
26.	PO-24 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
27.	PO-24 wrt PO-10		>100MΩ	>100MΩ	>100MΩ
28.	PO-24 wrt PO-13		>100MΩ	>100MΩ	>100MΩ
29.	PO-24 wrt PO-14		>100MΩ	>100MΩ	>100MΩ
30.	PO-24 wrt RO-3		>100MΩ	>100MΩ	>100MΩ
31.	PO-24 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
32.	PO-24 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
33.	PO-24 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
34.	PO-24 wrt RO-11		>100MΩ	>100MΩ	>100MΩ
35.	PO-24 wrt RO-12		>100MΩ	>100MΩ	>100MΩ
36.	PO-24 wrt RO-15		>100MΩ	>100MΩ	>100MΩ
37.	PO-24 wrt RO-16		>100MΩ	>100MΩ	>100MΩ
38.	RO-24 wrt PO-1	28V COIL input R wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ
39.	RO-24 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
40.	RO-24 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
41.	RO-24 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
42.	RO-24 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
43.	RO-24 wrt PO-10		>100MΩ	>100MΩ	>100MΩ
44.	RO-24 wrt PO-13		>100MΩ	>100MΩ	>100MΩ
45.	RO-24 wrt PO-14		>100MΩ	>100MΩ	>100MΩ
46.	RO-24 wrt RO-3	28V COIL input R wrt Functional o/ps	>100MΩ	>100MΩ	>100MΩ
47.	RO-24 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
48.	RO-24 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
49.	RO-24 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
50.	RO-24 wrt RO-11		>100MΩ	>100MΩ	>100MΩ
51.	RO-24 wrt RO-12		>100MΩ	>100MΩ	>100MΩ
52.	RO-24 wrt RO-15		>100MΩ	>100MΩ	>100MΩ
53.	RO-24 wrt RO-16		>100MΩ	>100MΩ	>100MΩ

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

List of Connectors in the package

PYRO - 4 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 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