

Sl. No.	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
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		>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.	BAT_PO-7 wrt PO-14	DC BAT wrt Coil (P) live	>100MΩ	>100MΩ	>100MΩ
46.	BAT_RO-7 wrt RO-14	DC 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_PYRO2

PYRO -2 Card

Sl. No.	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
1.	CIP-1 wrt CIR-1	CMD 21.1	0.2 - 0.5Ω (Short)	382mΩ	382mΩ
2.	CIP-2 wrt CIR-2	CMD 69	0.5Ω - 1Ω(Short)	820mΩ	820mΩ
3.	CIP-3 wrt CIR-3	CMD 18.1	0.3 - 0.75Ω(Short)	553mΩ	553mΩ
4.	CIP-4 wrt CIR-4	CMD 70	0.2 - 0.5Ω (Short)	309mΩ	308mΩ
5.	CIP-5 wrt CIR-5	CMD 75	0.5 - 1Ω(Short)	774mΩ	772mΩ
6.	CIP-8 wrt CIR-8	CMD/ 21.1	0.3-0.75Ω(Short)	548mΩ	545mΩ
7.	CIP-9 wrt CIR-9	CMD/ 69	0.5Ω - 1Ω(Short)	829mΩ	827mΩ
8.	CIP-10 wrt CIR-10	CMD/ 18.1	0.4 -0.9Ω(Short)	644mΩ	642mΩ
9.	CIP-11 wrt CIR-11	CMD 70	0.2 - 0.5Ω (Short)	299mΩ	299mΩ
10.	CIP-12 wrt CIR-12	CMD 75	0.5Ω - 1Ω(Short)	722mΩ	721mΩ
11.	PO- 1 wrt RO-1	CMD 21.1 O/P	<0.3Ω (Short)	233mΩ	233mΩ
12.	PO-2 wrt RO-2	CMD 21.1 O/P	<0.3Ω (Short)	148mΩ	148mΩ

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	

List of Connectors in the package

1. CIP and CIR=15 pin Male

PYRO -3 Card

2. PO and RO=15 pin Female

3. CP=25 pin Female

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