

Coil resistance measurement					
187	CHI 1 w.r.t CHI 2	Bat ON PYRO	*112Ω ± 11Ω	114.250 Ω	113.819 Ω
			#80Ω ±10Ω		
188	CHI 3 w.r.t CHI 2	Bat OFF PYRO	*112Ω ± 11Ω	113.601 Ω	113.173 Ω
			#80Ω ±10Ω		
189	CHI 9 w.r.t CHI 7	Seq ARM PYRO	*225Ω ± 22Ω	224.221 Ω	223.359 Ω
			#160Ω ±16Ω		
190	CHI 6 w.r.t CHI 7	Seq SAFPYRO	*225Ω ± 22Ω	228.402 Ω	227.526 Ω
			#160Ω ±16Ω		
191	CHI 10 w.r.t CHI 5	BAT ON DC DC DC	*225Ω ± 22Ω	227.661 Ω	226.791 Ω
			#160Ω ±16Ω		
192	CHI 11 w.r.t CHI 5	BAT OFF DC DC	*225Ω ± 22Ω	229.659 Ω	228.784 Ω
			#160Ω ±16Ω		
193	CHI 13 w.r.t CHI 5	Seq ARM DC	450Ω ± 45Ω	443.852 Ω	442.196 Ω
194	CHI 14 w.r.t CHI 5	Seq SAFE DC DC	450Ω ± 45Ω	452.443 Ω	450.758 Ω
195	PO-5 w.r.t PO-6	Cmd GUDC	320Ω ± 32Ω	322.299 Ω	321.034 Ω
196	RO-5 w.r.t RO-6	Cmd GUDC	320Ω ± 32Ω	318.512 Ω	317.309 Ω
All connector mounting posts wrt chassis			<100mΩ	<100mΩ	<100mΩ
All pins with respect to chassis			>100MΩ	>100MΩ	>100MΩ

RBEL Relays are wired

* If Leach/STPI relays are wired.

Checklist of CEM CS CUS_PYRO1

PYRO -1 Card

Sl. No.	PIN Details	Description	Expected	Observation	
				ISRC	FSRC
1.	CIP-1 wrt CIR-1	CMD 60	0.2- 0.5Ω(Short)	384mΩ	383mΩ
2.	CIP-2 wrt CIR-2	CMD 61	0.5Ω - 1Ω(Short)	848mΩ	846mΩ
3.	CIP-3 wrt CIR-3	CMD 62	0.3- 0.75Ω(Short)	623mΩ	622mΩ
4.	CIP-4 wrt CIR-4	CMD 71	0.2- 0.5Ω (Short)	338mΩ	339mΩ
5.	CIP-5 wrt CIR-5	CMD 72	0.5Ω - 1Ω(Short)	828mΩ	827mΩ
6.	CIP-8 wrt CIR-8	CMD/ 60	0.3Ω-0.75Ω(Short)	547mΩ	546mΩ
7.	CIP-9 wrt CIR-9	CMD/ 61	0.5Ω - 1Ω(Short)	837mΩ	836mΩ
8.	CIP-10 wrt CIR-10	CMD/ 62	0.4Ω-0.9Ω(Short)	721mΩ	721mΩ
9.	CIP-11 wrt CIR-11	CMD/ 71	0.2 - 0.5Ω (Short)	300mΩ	300mΩ
10.	CIP-12 wrt CIR-12	CMD/ 72	0.5Ω - 1Ω(Short)	729mΩ	729mΩ
11.	PO-1 wrt RO-1	CMD 60 O/P	<0.3Ω (Short)	238mΩ	238mΩ
12.	PO-2 wrt RO-2	CMD 60 O/P	<0.3Ω (Short)	148mΩ	148mΩ
13.	PO-3 wrt RO-3	CMD 61 O/P	<0.3Ω (Short)	219mΩ	219mΩ
14.	PO-4 wrt RO-4	CMD 61 O/P	<0.2Ω (Short)	126mΩ	126mΩ
15.	PO-5 wrt RO-5	CMD 62 O/P	<0.3Ω (Short)	161mΩ	161mΩ
16.	PO-6 wrt RO-6	CMD 62 O/P	<100mΩ	50mΩ	50mΩ
17.	PO-7 wrt RO-7	CMD 71 O/P	<0.3Ω (Short)	148mΩ	147mΩ
18.	PO-8 wrt RO-8	CMD 71 O/P	0.15 - 0.4Ω(Short)	262mΩ	262mΩ
19.	PO-9 wrt RO-9	CMD 72 O/P	<0.3Ω (Short)	128mΩ	128mΩ
20.	PO-10 wrt RO-10	CMD 72 O/P	<0.3Ω (Short)	173mΩ	174mΩ

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

List of Connectors in the package

PYRO -2 Card

1. CIP and CIR=15 pin Male

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 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