

Checklist of CEM EB LIVE_PYRO2

PYRO-2 Module

SI no.	Test Points	Description	Expected	ISRC	FSRC
1	CIP-1 wrt CIR-1	Py-2 Cmd-1 CMD	0.2 – 0.5Ω	306mΩ	308mΩ
2	CIP-2 wrt CIR-2	Py-2 Cmd-2 CMD	0.4 – 0.7Ω	507mΩ	508mΩ
3	CIP-3 wrt CIR-3	Py-2 Cmd-3 CMD	0.6 – 0.9Ω	724mΩ	730mΩ
4	CIP-4 wrt CIR-4	Py-2 Cmd-4 CMD	0.6 – 0.9Ω	723mΩ	730mΩ
5	CIP-9 wrt CIR-9	Py-2 Cmd-1 CMDBAR	0.5 – 0.8Ω	615mΩ	620mΩ
6	CIP-10 wrt CIR-10	Py-2 Cmd-2 CMDBAR	0.1 – 0.4Ω	273mΩ	273mΩ
7	CIP-11 wrt CIR-11	Py-2 Cmd-3 CMDBAR	0.7 - 1.1Ω	887mΩ	895mΩ
8	CIP-12 wrt CIR-12	Py-2 Cmd-4 CMDBAR	0.7 - 1.1Ω	886mΩ	895mΩ
9	PO-1 wrt RO-1	Py-2 Cmd-1 Outputs	< 200mΩ	148mΩ	151mΩ
10	PO-2 wrt RO-2		< 200mΩ	135mΩ	135mΩ
11	PO-3 wrt RO-3		< 300mΩ	207mΩ	210mΩ
12	PO-4 wrt RO-4		< 200mΩ	124mΩ	125mΩ
13	PO-5 wrt RO-5	Py-2 Cmd-2 Outputs	< 200mΩ	124mΩ	127mΩ
14	PO-6 wrt RO-6		< 200mΩ	124mΩ	126mΩ
15	PO-7 wrt RO-7		< 250mΩ	164mΩ	166mΩ
16	PO-8 wrt RO-8		< 200mΩ	109mΩ	112mΩ
17	PO-9 wrt RO-9	Py-2 Cmd-3 Outputs	< 250mΩ	169mΩ	170mΩ
18	PO-10 wrt RO-10		< 100mΩ	53mΩ	56mΩ
19	PO-11 wrt RO-11		< 200mΩ	109mΩ	112mΩ
20	PO-12 wrt RO-12		< 150mΩ	120mΩ	121mΩ
21	PO-13 wrt RO-13	Py-2 Cmd-4 Outputs	< 200mΩ	127mΩ	131mΩ
22	PO-14 wrt RO-14		< 200mΩ	122mΩ	126mΩ
23	PO-15 wrt RO-15		< 250mΩ	161mΩ	162mΩ
24	PO-16 wrt RO-16		< 250mΩ	163mΩ	164mΩ
25	PO-24 wrt PO-25	28V (P) COIL SUPPLY	< 100mΩ	26mΩ	27mΩ
26	RO-24 wrt RO-25	28V (R) COIL SUPPLY	< 100mΩ	26mΩ	29mΩ
27	PO-24 wrt CP-1	Coil-P (+) wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
28	PO-24 wrt CP-2		> 100MΩ	>100MΩ	>100MΩ
29	PO-24 wrt CP-3		> 100MΩ	>100MΩ	>100MΩ
30	PO-24 wrt CP-4		> 100MΩ	>100MΩ	>100MΩ
31	PO-24 wrt CP-5		> 100MΩ	>100MΩ	>100MΩ
32	PO-24 wrt CP-6		> 100MΩ	>100MΩ	>100MΩ
33	PO-24 wrt CP-7		> 100MΩ	>100MΩ	>100MΩ
34	PO-24 wrt CP-8		> 100MΩ	>100MΩ	>100MΩ
35	PO-24 wrt CP-9		> 100MΩ	>100MΩ	>100MΩ
36	PO-24 wrt CP-10		> 100MΩ	>100MΩ	>100MΩ
37	PO-24 wrt CP-11		> 100MΩ	>100MΩ	>100MΩ
38	PO-24 wrt CP-12		> 100MΩ	>100MΩ	>100MΩ
39	PO-24 wrt CP-13		> 100MΩ	>100MΩ	>100MΩ
40	PO-24 wrt CP-14		> 100MΩ	>100MΩ	>100MΩ
41	PO-24 wrt CP-15		> 100MΩ	>100MΩ	>100MΩ
42	PO-24 wrt CP-16		> 100MΩ	>100MΩ	>100MΩ
43	PO-24 wrt PO-1	Coil-P (+) wrt Outputs-P	> 100MΩ	>100MΩ	>100MΩ
44	PO-24 wrt PO-2		> 100MΩ	>100MΩ	>100MΩ
45	PO-24 wrt PO-3		> 100MΩ	>100MΩ	>100MΩ
46	PO-24 wrt PO-4		> 100MΩ	>100MΩ	>100MΩ
47	PO-24 wrt PO-5		> 100MΩ	>100MΩ	>100MΩ

48	PO-24 wrt PO-6		> 100MΩ	>100MΩ	>100MΩ
49	PO-24 wrt PO-7		> 100MΩ	>100MΩ	>100MΩ
50	PO-24 wrt PO-8		> 100MΩ	>100MΩ	>100MΩ
51	PO-24 wrt PO-9		> 100MΩ	>100MΩ	>100MΩ
52	PO-24 wrt PO-10		> 100MΩ	>100MΩ	>100MΩ
53	PO-24 wrt PO-11		> 100MΩ	>100MΩ	>100MΩ
54	PO-24 wrt PO-12		> 100MΩ	>100MΩ	>100MΩ
55	PO-24 wrt PO-13		> 100MΩ	>100MΩ	>100MΩ
56	PO-24 wrt PO-14		> 100MΩ	>100MΩ	>100MΩ
57	PO-24 wrt PO-15		> 100MΩ	>100MΩ	>100MΩ
58	PO-24 wrt PO-16		> 100MΩ	>100MΩ	>100MΩ
59	PO-24 wrt RO-1	Coil-P (+) wrt Outputs-R	> 100MΩ	>100MΩ	>100MΩ
60	PO-24 wrt RO-2		> 100MΩ	>100MΩ	>100MΩ
61	PO-24 wrt RO-3		> 100MΩ	>100MΩ	>100MΩ
62	PO-24 wrt RO-4		> 100MΩ	>100MΩ	>100MΩ
63	PO-24 wrt RO-5		> 100MΩ	>100MΩ	>100MΩ
64	PO-24 wrt RO-6		> 100MΩ	>100MΩ	>100MΩ
65	PO-24 wrt RO-7		> 100MΩ	>100MΩ	>100MΩ
66	PO-24 wrt RO-8		> 100MΩ	>100MΩ	>100MΩ
67	PO-24 wrt RO-9		> 100MΩ	>100MΩ	>100MΩ
68	PO-24 wrt RO-10		> 100MΩ	>100MΩ	>100MΩ
69	PO-24 wrt RO-11		> 100MΩ	>100MΩ	>100MΩ
70	PO-24 wrt RO-12		> 100MΩ	>100MΩ	>100MΩ
71	PO-24 wrt RO-13		> 100MΩ	>100MΩ	>100MΩ
72	PO-24 wrt RO-14		> 100MΩ	>100MΩ	>100MΩ
73	PO-24 wrt RO-15		> 100MΩ	>100MΩ	>100MΩ
74	PO-24 wrt RO-16		> 100MΩ	>100MΩ	>100MΩ
75	PO-24 wrt RO-24	28VCoil-P wrt R	> 100MΩ	>100MΩ	>100MΩ
76	RO-24 wrt PO-24	28VCoil-R wrt P	> 100MΩ	>100MΩ	>100MΩ
77	RO-24 wrt CP-1	Coil-R (+) wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
78	RO-24 wrt CP-2		> 100MΩ	>100MΩ	>100MΩ
79	RO-24 wrt CP-3		> 100MΩ	>100MΩ	>100MΩ
80	RO-24 wrt CP-4		> 100MΩ	>100MΩ	>100MΩ
81	RO-24 wrt CP-5		> 100MΩ	>100MΩ	>100MΩ
82	RO-24 wrt CP-6		> 100MΩ	>100MΩ	>100MΩ
83	RO-24 wrt CP-7		> 100MΩ	>100MΩ	>100MΩ
84	RO-24 wrt CP-8		> 100MΩ	>100MΩ	>100MΩ
85	RO-24 wrt CP-9		> 100MΩ	>100MΩ	>100MΩ
86	RO-24 wrt CP-10		> 100MΩ	>100MΩ	>100MΩ
87	RO-24 wrt CP-11		> 100MΩ	>100MΩ	>100MΩ
88	RO-24 wrt CP-12		> 100MΩ	>100MΩ	>100MΩ
89	RO-24 wrt CP-13		> 100MΩ	>100MΩ	>100MΩ
90	RO-24 wrt CP-14		> 100MΩ	>100MΩ	>100MΩ
91	RO-24 wrt CP-15		> 100MΩ	>100MΩ	>100MΩ
92	RO-24 wrt CP-16		> 100MΩ	>100MΩ	>100MΩ
93	RO-24 wrt PO-1	Coil-R (+) wrt Outputs-P	> 100MΩ	>100MΩ	>100MΩ
94	RO-24 wrt PO-2		> 100MΩ	>100MΩ	>100MΩ
95	RO-24 wrt PO-3		> 100MΩ	>100MΩ	>100MΩ
96	RO-24 wrt PO-4		> 100MΩ	>100MΩ	>100MΩ
97	RO-24 wrt PO-5		> 100MΩ	>100MΩ	>100MΩ
98	RO-24 wrt PO-6		> 100MΩ	>100MΩ	>100MΩ

99	RO-24 wrt PO-7		> 100MΩ	>100MΩ	>100MΩ
100	RO-24 wrt PO-8		> 100MΩ	>100MΩ	>100MΩ
101	RO-24 wrt PO-9		> 100MΩ	>100MΩ	>100MΩ
102	RO-24 wrt PO-10		> 100MΩ	>100MΩ	>100MΩ
103	RO-24 wrt PO-11		> 100MΩ	>100MΩ	>100MΩ
104	RO-24 wrt PO-12		> 100MΩ	>100MΩ	>100MΩ
105	RO-24 wrt PO-13		> 100MΩ	>100MΩ	>100MΩ
106	RO-24 wrt PO-14		> 100MΩ	>100MΩ	>100MΩ
107	RO-24 wrt PO-15		> 100MΩ	>100MΩ	>100MΩ
108	RO-24 wrt PO-16		> 100MΩ	>100MΩ	>100MΩ
109	RO-24 wrt RO-1		> 100MΩ	>100MΩ	>100MΩ
110	RO-24 wrt RO-2		> 100MΩ	>100MΩ	>100MΩ
111	RO-24 wrt RO-3		> 100MΩ	>100MΩ	>100MΩ
112	RO-24 wrt RO-4		> 100MΩ	>100MΩ	>100MΩ
113	RO-24 wrt RO-5		> 100MΩ	>100MΩ	>100MΩ
114	RO-24 wrt RO-6		> 100MΩ	>100MΩ	>100MΩ
115	RO-24 wrt RO-7		> 100MΩ	>100MΩ	>100MΩ
116	RO-24 wrt RO-8	Coil-R (+) wrt Outputs-R	> 100MΩ	>100MΩ	>100MΩ
117	RO-24 wrt RO-9		> 100MΩ	>100MΩ	>100MΩ
118	RO-24 wrt RO-10		> 100MΩ	>100MΩ	>100MΩ
119	RO-24 wrt RO-11		> 100MΩ	>100MΩ	>100MΩ
120	RO-24 wrt RO-12		> 100MΩ	>100MΩ	>100MΩ
121	RO-24 wrt RO-13		> 100MΩ	>100MΩ	>100MΩ
122	RO-24 wrt RO-14		> 100MΩ	>100MΩ	>100MΩ
123	RO-24 wrt RO-15		> 100MΩ	>100MΩ	>100MΩ
124	RO-24 wrt RO-16		> 100MΩ	>100MΩ	>100MΩ
125	*PO-40 wrt PO-24	BAT Live-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
126	*PO-40 wrt RO-24	BAT Live-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
127	*RO-40 wrt PO-24	BAT Live-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
128	*RO-40 wrt RO-24	BAT Live-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
129	PO-1 wrt PO-2	Py-2 Cmd-1 Outputs	4Ω - 4.2Ω	4.077Ω	4.080Ω
130	PO-3 wrt PO-4	Py-2 Cmd-1 Outputs	4Ω - 4.2Ω	4.113Ω	4.115Ω
131	PO-5 wrt PO-6	Py-2 Cmd-2 Outputs	4Ω - 4.2Ω	4.080Ω	4.082Ω
132	PO-7 wrt PO-8	Py-2 Cmd-2 Outputs	4Ω - 4.2Ω	4.115Ω	4.118Ω
133	PO-9 wrt PO-10	Py-2 Cmd-3 Outputs	4Ω - 4.2Ω	4.111Ω	4.111Ω
134	PO-11 wrt PO-12	Py-2 Cmd-3 Outputs	4Ω- 4.25Ω	4.185Ω	4.190Ω
135	PO-13 wrt PO-14	Py-2 Cmd-4 Outputs	4Ω - 4.2Ω	4.086Ω	4.084Ω
136	PO-15 wrt PO-16	Py-2 Cmd-4 Outputs	4Ω - 4.2Ω	4.093Ω	4.095Ω
137	*PB-L-A wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
138	*PB-L-A wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
139	*RB-L-A wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
140	*RB-L-A wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
141	*PB-L-B wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
142	*PB-L-B wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
143	*RB-L-B wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
144	*RB-L-B wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
145	*PB-L-C wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
146	*PB-L-C wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
147	*RB-L-C wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
148	*RB-L-C wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ

149	*PB-L-D wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
150	*PB-L-D wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
151	*RB-L-D wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
152	*RB-L-D wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
153	*PB-L-E wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
154	*PB-L-E wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
155	*RB-L-E wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
156	*RB-L-E wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
157	*PB-L-F wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
158	*PB-L-F wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
159	*RB-L-F wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
160	*RB-L-F wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
161	*PB-L-G wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
162	*PB-L-G wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
163	*RB-L-G wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
164	*RB-L-G wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
165	*PB-L-H wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
166	*PB-L-H wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
167	*RB-L-H wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
168	*RB-L-H wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
169	*PB-L-J wrt PO-24	Bat-P wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
170	*PB-L-J wrt RO-24	Bat-P wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
171	*RB-L-J wrt PO-24	Bat-R wrt Coil -P	> 100MΩ	>100MΩ	>100MΩ
172	*RB-L-J wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
173	All pins with respect to chassis		> 100MΩ	>100MΩ	>100MΩ
174	All connector mounting posts wrt chassis		< 100mΩ	<100MΩ	<100MΩ

List of Connectors in the package

***PO-40,RO-40,PB-L,RB-L are connectors of BAT-Live module. 1. CIP and CIR=15 pin Male
2. PO,RO and CP =25 pin Female**

PYRO-3 Module

SI no.	Test Points	Description	Expected	ISRC	FSRC
1	CIP-1 wrt CIR-1	Py-3 Cmd-1 CMD	0.2 – 0.5Ω	293mΩ	293mΩ
2	CIP-2 wrt CIR-2	Py-3 Cmd-2 CMD	0.4 – 0.7Ω	461mΩ	464mΩ
3	CIP-3 wrt CIR-3	Py-3 Cmd-3 CMD	0.6 – 0.9Ω	636mΩ	640mΩ
4	CIP-4 wrt CIR-4	Py-3 Cmd-4 CMD	0.6 – 0.9Ω	639mΩ	644mΩ
5	CIP-9 wrt CIR-9	Py-3 Cmd-1 CMDBAR	0.5 – 0.8Ω	587mΩ	592mΩ
6	CIP-10 wrt CIR-10	Py-3 Cmd-2 CMDBAR	0.1 – 0.4Ω	211mΩ	210mΩ
7	CIP-11 wrt CIR-11	Py-3 Cmd-3 CMDBAR	0.7 - 1.1Ω	821mΩ	829mΩ
8	CIP-12 wrt CIR-12	Py-3 Cmd-4 CMDBAR	0.7 - 1.1Ω	810mΩ	818mΩ
9	PO-1 wrt RO-1	Py-3 Cmd-1 Outputs	< 200mΩ	142mΩ	142mΩ
10	PO-2 wrt RO-2		< 200mΩ	124mΩ	126mΩ
11	PO-3 wrt RO-3		< 300mΩ	195mΩ	198mΩ
12	PO-4 wrt RO-4		< 200mΩ	116mΩ	117mΩ
13	PO-5 wrt RO-5	Py-3 Cmd-2 Outputs	< 200mΩ	115mΩ	118mΩ
14	PO-6 wrt RO-6		< 200mΩ	119mΩ	119mΩ
15	PO-7 wrt RO-7		< 250mΩ	151mΩ	154mΩ
16	PO-8 wrt RO-8		< 200mΩ	101mΩ	104mΩ
17	PO-9 wrt RO-9	Py-3 Cmd-3 Outputs	>100MΩ	>100MΩ	>100MΩ
18	PO-10 wrt RO-10		< 100mΩ	9mΩ	11mΩ