

# Checklist of CEM L1102\_FSF RL

QDTF/TR/543/2023

Test report for CEM L110-2 FM07

## 8.1.2 FSF-RL1 module

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
1	TMR1-1 wrt TMR1-9	S/A inputs	<100mΩ	8mΩ	11mΩ
2	TMR2-1 wrt TMR2-9	S/A inputs	<100mΩ	8mΩ	11mΩ
3	TMR3-1 wrt TMR3-9	S/A inputs	<100mΩ	10mΩ	12mΩ
4	PO-1 wrt PO-2	CMD No: 1 outputs	0.4Ω-0.9Ω	615mΩ	614mΩ
5	PO-1 wrt PO-3	CMD No: 1 outputs	0.4Ω-0.9Ω	543mΩ	543mΩ
6	PO-1 wrt PO-4	CMD No: 1 outputs	0.4Ω-0.9Ω	633mΩ	632mΩ
7	PO-2 wrt PO-3	CMD No: 1 outputs	0.4Ω-0.9Ω	596mΩ	596mΩ
8	PO-2 wrt PO-4	CMD No: 1 outputs	0.4Ω-0.9Ω	686mΩ	685mΩ
9	PO-3 wrt PO-4	CMD No: 1 outputs	0.4Ω-0.9Ω	616mΩ	616mΩ
10	RO-1 wrt RO-2	CMD No: 1 outputs	0.4Ω-0.9Ω	737mΩ	735mΩ
11	RO-1 wrt RO-3	CMD No: 1 outputs	0.4Ω-0.9Ω	667mΩ	666mΩ
12	RO-1 wrt RO-4	CMD No: 1 outputs	0.4Ω-0.9Ω	685mΩ	685mΩ
13	RO-2 wrt RO-3	CMD No: 1 outputs	0.4Ω-0.9Ω	695mΩ	693mΩ
14	RO-2 wrt RO-4	CMD No: 1 outputs	0.4Ω-0.9Ω	722mΩ	720mΩ
15	RO-3 wrt RO-4	CMD No: 1 outputs	0.4Ω-0.9Ω	649mΩ	647mΩ
16	PO-1 wrt RO-1	CMD No: 1 outputs	>100 MΩ	>100 MΩ	>100 MΩ
17	PO-5 wrt PO-6	CMD No: 2 outputs	0.4Ω-0.9Ω	463mΩ	464mΩ
18	PO-5 wrt PO-7	CMD No: 2 outputs	0.4Ω-0.9Ω	502mΩ	503mΩ
19	PO-5 wrt PO-8	CMD No: 2 outputs	0.4Ω-0.9Ω	506mΩ	506mΩ
20	PO-6 wrt PO-7	CMD No: 2 outputs	0.4Ω-0.9Ω	504mΩ	504mΩ
21	PO-6 wrt PO-8	CMD No: 2 outputs	0.4Ω-0.9Ω	508mΩ	507mΩ
22	PO-7 wrt PO-8	CMD No: 2 outputs	0.4Ω-0.9Ω	509mΩ	510mΩ
23	RO-5 wrt RO-6	CMD No: 2 outputs	0.4Ω-0.9Ω	450mΩ	449mΩ
24	RO-5 wrt RO-7	CMD No: 2 outputs	0.4Ω-0.9Ω	464mΩ	464mΩ
25	RO-5 wrt RO-8	CMD No: 2 outputs	0.4Ω-0.9Ω	465mΩ	465mΩ
26	RO-6 wrt RO-7	CMD No: 2 outputs	0.4Ω-0.9Ω	447mΩ	445mΩ
27	RO-6 wrt RO-8	CMD No: 2 outputs	0.4Ω-0.9Ω	443mΩ	442mΩ
28	RO-7 wrt RO-8	CMD No: 2 outputs	0.4Ω-0.9Ω	462mΩ	461mΩ
29	PO-5 wrt RO-5	CMD No: 2 outputs	>100 MΩ	>100 MΩ	>100 MΩ
30	PO-9 wrt PO-10	CMD No: 3 outputs	0.4Ω-0.9Ω	413mΩ	414mΩ
31	PO-9 wrt PO-11	CMD No: 3 outputs	0.4Ω-0.9Ω	452mΩ	454mΩ
32	PO-9 wrt PO-12	CMD No: 3 outputs	0.4Ω-0.9Ω	465mΩ	466mΩ
33	PO-10 wrt PO-11	CMD No: 3 outputs	0.4Ω-0.9Ω	447mΩ	448mΩ
34	PO-10 wrt PO-12	CMD No: 3 outputs	0.4Ω-0.9Ω	470mΩ	471mΩ
35	PO-11 wrt PO-12	CMD No: 3 outputs	0.4Ω-0.9Ω	509mΩ	510mΩ
36	RO-9 wrt RO-10	CMD No: 3 outputs	0.4Ω-0.9Ω	500mΩ	498mΩ
37	RO-9 wrt RO-11	CMD No: 3 outputs	0.4Ω-0.9Ω	472mΩ	470mΩ
38	RO-9 wrt RO-12	CMD No: 3 outputs	0.4Ω-0.9Ω	490mΩ	488mΩ
39	RO-10 wrt RO-11	CMD No: 3 outputs	0.4Ω-0.9Ω	471mΩ	469mΩ
40	RO-10 wrt RO-12	CMD No: 3 outputs	0.4Ω-0.9Ω	509mΩ	507mΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
41	RO-11 wrt RO-12	CMD No: 3 outputs	0.4Ω-0.9Ω	481mΩ	480mΩ
42	PO-9 wrt RO-9	CMD No: 3 outputs	>100MΩ	>100 MΩ	>100 MΩ
43	PO-13 wrt PO-14	CMD No: 4 outputs	0.4Ω-0.9Ω	763mΩ	762mΩ
44	PO-13 wrt PO-15	CMD No: 4 outputs	0.4Ω-0.9Ω	736mΩ	735mΩ
45	PO-13 wrt PO-16	CMD No: 4 outputs	0.4Ω-0.9Ω	766mΩ	765mΩ
46	PO-14 wrt PO-15	CMD No: 4 outputs	0.4Ω-0.9Ω	765mΩ	764mΩ
47	PO-14 wrt PO-16	CMD No: 4 outputs	0.4Ω-0.9Ω	795mΩ	794mΩ
48	PO-15 wrt PO-16	CMD No: 4 outputs	0.4Ω-0.9Ω	741mΩ	740mΩ
49	RO-13 wrt RO-14	CMD No: 4 outputs	0.4Ω-0.9Ω	548mΩ	548mΩ
50	RO-13 wrt RO-15	CMD No: 4 outputs	0.4Ω-0.9Ω	606mΩ	605mΩ
51	RO-13 wrt RO-16	CMD No: 4 outputs	0.4Ω-0.9Ω	564mΩ	563mΩ
52	RO-14 wrt RO-15	CMD No: 4 outputs	0.4Ω-0.9Ω	617mΩ	615mΩ
53	RO-14 wrt RO-16	CMD No: 4 outputs	0.4Ω-0.9Ω	575mΩ	574mΩ
54	RO-15 wrt RO-16	CMD No: 4 outputs	0.4Ω-0.9Ω	514mΩ	512mΩ
55	PO-13 wrt RO-13	CMD No: 4 outputs	> 100MΩ	>100 MΩ	>100 MΩ
56	TMR1-1 wrt TMR1-2	CMD No: 1	311Ω ± 31Ω	299.147Ω	297.871Ω
57	TMR2-1 wrt TMR2-2	CMD No: 1	311Ω ± 31Ω	297.842Ω	296.539Ω
58	TMR3-1 wrt TMR3-2	CMD No: 1	311Ω ± 31Ω	298.106Ω	296.764Ω
59	TMR1-1 wrt TMR1-3	CMD No: 2	311Ω ± 31Ω	298.073Ω	296.692Ω
60	TMR2-1 wrt TMR2-3	CMD No: 2	311Ω ± 31Ω	298.329Ω	297.021Ω
61	TMR3-1 wrt TMR3-3	CMD No: 2	311Ω ± 31Ω	298.570Ω	297.185Ω
62	TMR1-1 wrt TMR1-4	CMD No: 3	311Ω ± 31Ω	300.582Ω	299.294Ω
63	TMR2-1 wrt TMR2-4	CMD No: 3	311Ω ± 31Ω	297.913Ω	296.573Ω
64	TMR3-1 wrt TMR3-4	CMD No: 3	311Ω ± 31Ω	297.782Ω	296.430Ω
65	TMR1-1 wrt TMR1-5	CMD No: 4	311Ω ± 31Ω	298.844Ω	297.520Ω
66	TMR2-1 wrt TMR2-5	CMD No: 4	311Ω ± 31Ω	298.781Ω	297.414Ω
67	TMR3-1 wrt TMR3-5	CMD No: 4	311Ω ± 31Ω	297.459Ω	296.217Ω
68	TMR1-1 wrt TMR2-1	Isolation between coil lives	> 100MΩ	>100 MΩ	>100 MΩ
69	TMR2-1 wrt TMR3-1	Isolation between coil lives	> 100MΩ	>100 MΩ	>100 MΩ
70	TMR1-1 wrt TMR3-1	Isolation between coil lives	>100MΩ	>100 MΩ	>100 MΩ
71	TMR1-1 wrt MON-1	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
72	TMR1-1 wrt MON-2	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
73	TMR1-1 wrt MON-3	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
74	TMR1-1 wrt MON-4	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
75	TMR1-1 wrt PO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100 MΩ	>100 MΩ
76	TMR1-1 wrt RO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100 MΩ	>100 MΩ
77	TMR1-1 wrt *PO-40	Coil live wrt Contact i/p-P	> 100MΩ	>100 MΩ	>100 MΩ
78	TMR1-1 wrt *RO-40	Coil live wrt Contact i/p-R	> 100MΩ	>100 MΩ	>100 MΩ
79	TMR1-1 wrt MON-5	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
80	TMR1-1 wrt MON-6	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
81	TMR1-1 wrt MON-7	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
82	TMR1-1 wrt MON-8	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
83	TMR1-1 wrt PO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100 MΩ	>100 MΩ
84	TMR1-1 wrt RO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100 MΩ	>100 MΩ
85	TMR1-1 wrt MON-9	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
86	TMR1-1 wrt MON-10	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
87	TMR1-1 wrt MON-11	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
88	TMR1-1 wrt MON-12	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
89	TMR1-1 wrt PO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100 MΩ	>100 MΩ
90	TMR1-1 wrt RO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100 MΩ	>100 MΩ
91	TMR1-1 wrt MON-13	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
92	TMR1-1 wrt MON-14	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
93	TMR1-1 wrt MON-15	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
94	TMR1-1 wrt MON-16	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
95	TMR1-1 wrt PO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100 MΩ	>100 MΩ
96	TMR1-1 wrt RO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100 MΩ	>100 MΩ
97	TMR2-1 wrt MON-1	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
98	TMR2-1 wrt MON-2	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
99	TMR2-1 wrt MON-3	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
100	TMR2-1 wrt MON-4	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
101	TMR2-1 wrt PO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100 MΩ	>100 MΩ
102	TMR2-1 wrt RO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100 MΩ	>100 MΩ
103	TMR2-1 wrt *PO-40	Coil live wrt Contact i/p-P	> 100MΩ	>100 MΩ	>100 MΩ
104	TMR2-1 wrt *RO-40	Coil live wrt Contact i/p-R	> 100MΩ	>100 MΩ	>100 MΩ
105	TMR2-1 wrt MON-5	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
106	TMR2-1 wrt MON-6	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
107	TMR2-1 wrt MON-7	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
108	TMR2-1 wrt MON-8	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
109	TMR2-1 wrt PO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100 MΩ	>100 MΩ
110	TMR2-1 wrt RO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100 MΩ	>100 MΩ
111	TMR2-1 wrt MON-9	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
112	TMR2-1 wrt MON-10	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
113	TMR2-1 wrt MON-11	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
114	TMR2-1 wrt MON-12	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
115	TMR2-1 wrt PO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100 MΩ	>100 MΩ
116	TMR2-1 wrt RO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100 MΩ	>100 MΩ
117	TMR2-1 wrt MON-13	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
118	TMR2-1 wrt MON-14	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
119	TMR2-1 wrt MON-15	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
120	TMR2-1 wrt MON-16	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
121	TMR2-1 wrt PO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100 MΩ	>100 MΩ
122	TMR2-1 wrt RO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100 MΩ	>100 MΩ
123	TMR3-1 wrt MON-1	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
124	TMR3-1 wrt MON-2	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
125	TMR3-1 wrt MON-3	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
126	TMR3-1 wrt MON-4	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
127	TMR3-1 wrt PO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100 MΩ	>100 MΩ
128	TMR3-1 wrt RO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100 MΩ	>100 MΩ
129	TMR3-1 wrt *PO-40	Coil live wrt Contact i/p-P	> 100MΩ	>100 MΩ	>100 MΩ
130	TMR3-1 wrt *RO-40	Coil live wrt Contact i/p-R	> 100MΩ	>100 MΩ	>100 MΩ
131	TMR3-1 wrt MON-5	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
132	TMR3-1 wrt MON-6	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
133	TMR3-1 wrt MON-7	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
134	TMR3-1 wrt MON-8	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
135	TMR3-1 wrt PO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100 MΩ	>100 MΩ
136	TMR3-1 wrt RO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100 MΩ	>100 MΩ
137	TMR3-1 wrt MON-9	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
138	TMR3-1 wrt MON-10	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
139	TMR3-1 wrt MON-11	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
140	TMR3-1 wrt MON-12	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
141	TMR3-1 wrt PO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100 MΩ	>100 MΩ
142	TMR3-1 wrt RO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100 MΩ	>100 MΩ
143	TMR3-1 wrt MON-13	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
144	TMR3-1 wrt MON-14	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
145	TMR3-1 wrt MON-15	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
146	TMR3-1 wrt MON-16	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
147	TMR3-1 wrt PO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100 MΩ	>100 MΩ
148	TMR3-1 wrt RO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100 MΩ	>100 MΩ
149	*PO-40 wrt MON-1	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
150	*PO-40 wrt MON-2	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
151	*PO-40 wrt MON-3	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
152	*PO-40 wrt MON-4	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
153	*PO-40 wrt MON-5	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
154	*PO-40 wrt MON-6	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
155	*PO-40 wrt MON-7	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
156	*PO-40 wrt MON-8	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
157	*PO-40 wrt MON-9	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
158	*PO-40 wrt MON-10	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
159	*PO-40 wrt MON-11	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
160	*PO-40 wrt MON-12	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
161	*PO-40 wrt MON-13	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
162	*PO-40 wrt MON-14	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
163	*PO-40 wrt MON-15	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
164	*PO-40 wrt MON-16	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
165	*PO-40 wrt MON-17	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
166	*PO-40 wrt MON-18	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
167	*PO-40 wrt MON-19	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
168	*PO-40 wrt MON-20	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
169	*PO-40 wrt TMR1-1	Contact i/p wrt Coil1 live	> 100MΩ	>100 MΩ	>100 MΩ
170	*PO-40 wrt TMR2-1	Contact i/p wrt Coil2 live	> 100MΩ	>100 MΩ	>100 MΩ
171	*PO-40 wrt TMR3-1	Contact i/p wrt Coil3 live	> 100MΩ	>100 MΩ	>100 MΩ
172	*PO-40 wrt PO-1	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
173	*PO-40 wrt PO-5	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
174	*PO-40 wrt PO-9	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
175	*PO-40 wrt PO-13	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
176	*PO-40 wrt RO-1	Contact i/p wrt o/ps-R	> 100MΩ	>100 MΩ	>100 MΩ
177	*PO-40 wrt RO-5	Contact i/p wrt o/ps-R	> 100MΩ	>100 MΩ	>100 MΩ
178	*PO-40 wrt RO-9	Contact i/p wrt o/ps-R	> 100MΩ	>100 MΩ	>100 MΩ
179	*PO-40 wrt RO-13	Contact i/p wrt o/ps-R	> 100MΩ	>100 MΩ	>100 MΩ
180	*RO-40 wrt MON-1	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
181	*RO-40 wrt MON-2	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
182	*RO-40 wrt MON-3	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
183	*RO-40 wrt MON-4	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
184	*RO-40 wrt MON-5	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
185	*RO-40 wrt MON-6	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
186	*RO-40 wrt MON-7	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
187	*RO-40 wrt MON-8	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
188	*RO-40 wrt MON-9	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
189	*RO-40 wrt MON-10	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
190	*RO-40 wrt MON-11	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
191	*RO-40 wrt MON-12	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
192	*RO-40 wrt MON-13	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
193	*RO-40 wrt MON-14	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
194	*RO-40 wrt MON-16	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
195	*RO-40 wrt MON-17	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
196	*RO-40 wrt MON-18	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
197	*RO-40 wrt MON-19	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
198	*RO-40 wrt MON-20	Contact i/p wrt Midpoints	> 100MΩ	>100 MΩ	>100 MΩ
199	*RO-40 wrt TMR1-1	Contact i/p wrt Coil1 live	> 100MΩ	>100 MΩ	>100 MΩ
200	*RO-40 wrt TMR2-1	Contact i/p wrt Coil2 live	> 100MΩ	>100 MΩ	>100 MΩ
201	*RO-40 wrt TMR3-1	Contact i/p wrt Coil3 live	> 100MΩ	>100 MΩ	>100 MΩ
202	*RO-40 wrt PO-1	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
203	*RO-40 wrt PO-5	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
204	*RO-40 wrt PO-9	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
205	*RO-40 wrt PO-13	Contact i/p wrt o/ps-P	> 100MΩ	>100 MΩ	>100 MΩ
206	*RO-40 wrt RO-1	Contact i/p wrt o/ps-R	> 100MΩ	>100 MΩ	>100 MΩ
207	*RO-40 wrt RO-5	Contact i/p wrt o/ps-R	> 100MΩ	>100 MΩ	>100 MΩ
208	*RO-40 wrt RO-9	Contact i/p wrt o/ps-R	> 100MΩ	>100 MΩ	>100 MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
209	*RO-40 wrt RO-13	Contact i/p wrt o/ps-R	> 100M $\Omega$	>100 M $\Omega$	>100 M $\Omega$
210	All pins with respect to chassis		>100M $\Omega$	>100M $\Omega$	>100M $\Omega$
211	All connector mounting posts wrt chassis		<100m $\Omega$	<100m $\Omega$	<100m $\Omega$

\*PO-40, RO-40 are connectors of BAT-LIVE module

### List of Connectors in the package

1. TMR1,TMR2 and TMR3=15 pin Male

2.PO,RO and MON=25 pin Female