

Checklist of CEM L1101_FSFRL1

QDTF/TR/1128/2023

Test report for CEM L110-1 KEK23009

9.1.2 FSF-RL1 Module

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
1	TMR1-1 wrt 9	S/A inputs	<100mΩ	9mΩ	12mΩ
2	TMR2-1 wrt 9	S/A inputs	<100mΩ	10mΩ	11mΩ
3	TMR3-1 wrt 9	S/A inputs	<100mΩ	9mΩ	11mΩ
4	PO-1 wrt PO-2	CMD No: 1 outputs	0.4Ω - 0.9Ω	621mΩ	620mΩ
5	PO-1 wrt PO-3	CMD No: 1 outputs	0.4Ω - 0.9Ω	536mΩ	535mΩ
6	PO-1 wrt PO-4	CMD No: 1 outputs	0.4Ω - 0.9Ω	643mΩ	640mΩ
7	PO-2 wrt PO-3	CMD No: 1 outputs	0.4Ω - 0.9Ω	592mΩ	591mΩ
8	PO-2 wrt PO-4	CMD No: 1 outputs	0.4Ω - 0.9Ω	699mΩ	696mΩ
9	PO-3 wrt PO-4	CMD No: 1 outputs	0.4Ω - 0.9Ω	615mΩ	613mΩ
10	RO-1 wrt RO-2	CMD No: 1 outputs	0.4Ω - 0.9Ω	751mΩ	750mΩ
11	RO-1 wrt RO-3	CMD No: 1 outputs	0.4Ω - 0.9Ω	678mΩ	676mΩ
12	RO-1 wrt RO-4	CMD No: 1 outputs	0.4Ω - 0.9Ω	698mΩ	696mΩ
13	RO-2 wrt RO-3	CMD No: 1 outputs	0.4Ω - 0.9Ω	707mΩ	705mΩ
14	RO-2 wrt RO-4	CMD No: 1 outputs	0.4Ω - 0.9Ω	735mΩ	733mΩ
15	RO-3 wrt RO-4	CMD No: 1 outputs	0.4Ω - 0.9Ω	659mΩ	657mΩ
16	PO-1 wrt RO-1	CMD No: 1 outputs	>100 MΩ	>100MΩ	>100MΩ
17	PO-5 wrt PO-6	CMD No: 2 outputs	1Ω - 1.3Ω	1.057Ω	1.056Ω
18	PO-5 wrt PO-7	CMD No: 2 outputs	1Ω - 1.3Ω	1.100Ω	1.099Ω
19	PO-5 wrt PO-8	CMD No: 2 outputs	1Ω - 1.3Ω	1.105Ω	1.105Ω
20	PO-6 wrt PO-7	CMD No: 2 outputs	1Ω - 1.3Ω	1.103Ω	1.101Ω
21	PO-6 wrt PO-8	CMD No: 2 outputs	1Ω - 1.3Ω	1.108Ω	1.107Ω
22	PO-7 wrt PO-8	CMD No: 2 outputs	1Ω - 1.3Ω	1.112Ω	1.112Ω
23	RO-5 wrt RO-6	CMD No: 2 outputs	1Ω - 1.3Ω	1.048Ω	1.048Ω
24	RO-5 wrt RO-7	CMD No: 2 outputs	1Ω - 1.3Ω	1.063Ω	1.063Ω
25	RO-5 wrt RO-8	CMD No: 2 outputs	1Ω - 1.3Ω	1.064Ω	1.064Ω
26	RO-6 wrt RO-7	CMD No: 2 outputs	1Ω - 1.3Ω	1.045Ω	1.044Ω
27	RO-6 wrt RO-8	CMD No: 2 outputs	1Ω - 1.3Ω	1.041Ω	1.041Ω
28	RO-7 wrt RO-8	CMD No: 2 outputs	1Ω - 1.3Ω	1.061Ω	1.061Ω
29	PO-5 wrt RO-5	CMD No: 2 outputs	>100 MΩ	>100MΩ	>100MΩ
30	PO-9 wrt PO-10	CMD No: 3 outputs	1Ω - 1.3Ω	1.011Ω	1.011Ω
31	PO-9 wrt PO-11	CMD No: 3 outputs	1Ω - 1.3Ω	1.049Ω	1.049Ω
32	PO-9 wrt PO-12	CMD No: 3 outputs	1Ω - 1.3Ω	1.063Ω	1.064Ω
33	PO-10 wrt PO-11	CMD No: 3 outputs	1Ω - 1.3Ω	1.043Ω	1.044Ω
34	PO-10 wrt PO-12	CMD No: 3 outputs	1Ω - 1.3Ω	1.069Ω	1.069Ω
35	PO-11 wrt PO-12	CMD No: 3 outputs	1Ω - 1.3Ω	1.107Ω	1.107Ω
36	RO-9 wrt RO-10	CMD No: 3 outputs	1Ω - 1.3Ω	1.100Ω	1.100Ω
37	RO-9 wrt RO-11	CMD No: 3 outputs	1Ω - 1.3Ω	1.070Ω	1.069Ω
38	RO-9 wrt RO-12	CMD No: 3 outputs	1Ω - 1.3Ω	1.090Ω	1.089Ω
39	RO-10 wrt RO-11	CMD No: 3 outputs	1Ω - 1.3Ω	1.069Ω	1.069Ω
40	RO-10 wrt RO-12	CMD No: 3 outputs	1Ω - 1.3Ω	1.110Ω	1.110Ω

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
41	RO-11 wrt RO-12	CMD No: 3 outputs	1Ω - 1.3Ω	1.080Ω	1.079Ω
42	PO-9 wrt RO-9	CMD No: 3 outputs	>100MΩ	>100MΩ	>100MΩ
43	PO-13 wrt PO-14	CMD No: 4 outputs	4.2Ω - 4.6Ω	4.377Ω	4.375Ω
44	PO-15 wrt PO-16	CMD No: 5 outputs	4.2Ω - 4.6Ω	4.357Ω	4.355Ω
45	PO-14 wrt PO-15	Isolation b/w CMD No: 4 wrt CMD No: 5	>100MΩ	>100MΩ	>100MΩ
46	RO-13 wrt RO-14	CMD No: 4 outputs	4Ω - 4.4Ω	4.155Ω	4.155Ω
47	RO-15 wrt RO-16	CMD No: 5 outputs	4Ω - 4.4Ω	4.128Ω	4.127Ω
48	RO-13 wrt RO-15	Isolation b/w CMD No: 4 wrt CMD No: 5	>100MΩ	>100MΩ	>100MΩ
49	PO-13 wrt PO-15	Isolation b/w CMD No: 4 wrt CMD No: 5	>100MΩ	>100MΩ	>100MΩ
50	PO-13 wrt RO-13	Isolation b/w CMD No: 4 wrt CMD No: 5	>100MΩ	>100MΩ	>100MΩ
51	PO-15 wrt RO-13	Isolation b/w CMD No: 4 wrt CMD No: 5	>100MΩ	>100MΩ	>100MΩ
52	PO-15 wrt RO-15	Isolation b/w CMD No: 4 wrt CMD No: 5	>100MΩ	>100MΩ	>100MΩ
53	RO-13 wrt RO-16	Isolation b/w CMD No: 4 wrt CMD No: 5	>100MΩ	>100MΩ	>100MΩ
54	TMR1-1 wrt TMR1-2	CMD No: 1	311Ω ± 31Ω	301.276Ω	299.740Ω
55	TMR2-1 wrt TMR2-2	CMD No: 1	311Ω ± 31Ω	297.387Ω	295.789Ω
56	TMR3-1 wrt TMR3-2	CMD No: 1	311Ω ± 31Ω	299.346Ω	297.592Ω
57	TMR1-1 wrt TMR1-3	CMD No: 2	311Ω ± 31Ω	298.350Ω	296.500Ω
58	TMR2-1 wrt TMR2-3	CMD No: 2	311Ω ± 31Ω	296.572Ω	294.998Ω
59	TMR3-1 wrt TMR3-3	CMD No: 2	311Ω ± 31Ω	300.126Ω	298.275Ω
60	TMR1-1 wrt TMR1-4	CMD No: 3	311Ω ± 31Ω	298.192Ω	296.710Ω
61	TMR2-1 wrt TMR2-4	CMD No: 3	311Ω ± 31Ω	299.130Ω	297.440Ω
62	TMR3-1 wrt TMR3-4	CMD No: 3	311Ω ± 31Ω	295.714Ω	294.031Ω
63	TMR1-1 wrt TMR1-5	CMD No: 4	311Ω ± 31Ω	299.309Ω	297.588Ω
64	TMR2-1 wrt TMR2-5	CMD No: 4	311Ω ± 31Ω	296.650Ω	294.832Ω
65	TMR3-1 wrt TMR3-5	CMD No: 4	311Ω ± 31Ω	294.991Ω	293.556Ω
66	TMR1-1 wrt TMR1-6	CMD No: 5	311Ω ± 31Ω	298.835Ω	297.302Ω
67	TMR2-1 wrt TMR2-6	CMD No: 5	311Ω ± 31Ω	298.891Ω	297.376Ω
68	TMR3-1 wrt TMR3-6	CMD No: 5	311Ω ± 31Ω	298.631Ω	296.830Ω
69	TMR1-1 wrt TMR2-1	Isolation between coil lives	> 100MΩ	>100MΩ	>100MΩ
70	TMR2-1 wrt TMR3-1	Isolation between coil lives	> 100MΩ	>100MΩ	>100MΩ
71	TMR1-1 wrt TMR3-1	Isolation between coil lives	>100MΩ	>100MΩ	>100MΩ
72	TMR1-1 wrt MON-1	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
73	TMR1-1 wrt MON-2	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
74	TMR1-1 wrt MON-3	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
75	TMR1-1 wrt MON-4	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
76	TMR1-1 wrt PO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100MΩ	>100MΩ
77	TMR1-1 wrt RO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100MΩ	>100MΩ
78	TMR1-1 wrt *PO-40	Coil live wrt Contact i/p-P	> 100MΩ	>100MΩ	>100MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
79	TMR1-1 wrt *RO-40	Coil live wrt Contact i/p-R	> 100MΩ	>100MΩ	>100MΩ
80	TMR1-1 wrt MON-5	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
81	TMR1-1 wrt MON-6	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
82	TMR1-1 wrt MON-7	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
83	TMR1-1 wrt MON-8	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
84	TMR1-1 wrt PO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100MΩ	>100MΩ
85	TMR1-1 wrt RO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100MΩ	>100MΩ
86	TMR1-1 wrt MON-9	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
87	TMR1-1 wrt MON-10	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
88	TMR1-1 wrt MON-11	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
89	TMR1-1 wrt MON-12	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
90	TMR1-1 wrt PO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100MΩ	>100MΩ
91	TMR1-1 wrt RO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100MΩ	>100MΩ
92	TMR1-1 wrt MON-13	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
93	TMR1-1 wrt MON-14	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
94	TMR1-1 wrt MON-15	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
95	TMR1-1 wrt MON-16	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
96	TMR1-1 wrt PO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100MΩ	>100MΩ
97	TMR1-1 wrt. RO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100MΩ	>100MΩ
98	TMR1-1 wrt. MON-17	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
99	TMR1-1 wrt. MON-18	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
100	TMR1-1 wrt. MON-19	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
101	TMR1-1 wrt. MON-20	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
102	TMR1-1 wrt. PO-15	Coil live wrt CMD No: 5 o/p	> 100MΩ	>100MΩ	>100MΩ
103	TMR1-1 wrt. RO-15	Coil live wrt CMD No: 5 o/p	> 100MΩ	>100MΩ	>100MΩ
104	TMR2-1 wrt MON-1	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
105	TMR2-1 wrt MON-2	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
106	TMR2-1 wrt MON-3	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
107	TMR2-1 wrt MON-4	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
108	TMR2-1 wrt PO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100MΩ	>100MΩ
109	TMR2-1 wrt RO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100MΩ	>100MΩ
110	TMR2-1 wrt *PO-40	Coil live wrt Contact i/p-P	> 100MΩ	>100MΩ	>100MΩ
111	TMR2-1 wrt *RO-40	Coil live wrt Contact i/p-R	> 100MΩ	>100MΩ	>100MΩ
112	TMR2-1 wrt MON-5	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
113	TMR2-1 wrt MON-6	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
114	TMR2-1 wrt MON-7	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
115	TMR2-1 wrt MON-8	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
116	TMR2-1 wrt PO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100MΩ	>100MΩ
117	TMR2-1 wrt RO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100MΩ	>100MΩ
118	TMR2-1 wrt MON-9	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
119	TMR2-1 wrt MON-10	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
120	TMR2-1 wrt MON-11	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
121	TMR2-1 wrt MON-12	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
122	TMR2-1 wrt PO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100MΩ	>100MΩ
123	TMR2-1 wrt RO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100MΩ	>100MΩ
124	TMR2-1 wrt MON-13	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
125	TMR2-1 wrt MON-14	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
126	TMR2-1 wrt MON-15	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
127	TMR2-1 wrt MON-16	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
128	TMR2-1 wrt PO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100MΩ	>100MΩ
129	TMR2-1 wrt. RO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100MΩ	>100MΩ
130	TMR2-1 wrt MON-17	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
131	TMR2-1 wrt MON-18	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
132	TMR2-1 wrt MON-19	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
133	TMR2-1 wrt MON-20	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
134	TMR2-1 wrt PO-15	Coil live wrt CMD No: 5 o/p	> 100MΩ	>100MΩ	>100MΩ
135	TMR2-1 wrt. RO-15	Coil live wrt CMD No: 5 o/p	> 100MΩ	>100MΩ	>100MΩ
136	TMR3-1 wrt MON-1	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
137	TMR3-1 wrt MON-2	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
138	TMR3-1 wrt MON-3	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
139	TMR3-1 wrt MON-4	Coil live wrt CMD No: 1 Midpoints	> 100MΩ	>100MΩ	>100MΩ
140	TMR3-1 wrt PO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100MΩ	>100MΩ
141	TMR3-1 wrt RO-1	Coil live wrt CMD No: 1 Output	> 100MΩ	>100MΩ	>100MΩ
142	TMR3-1 wrt *PO-40	Coil live wrt Contact i/p-P	> 100MΩ	>100MΩ	>100MΩ
143	TMR3-1 wrt *RO-40	Coil live wrt Contact i/p-R	> 100MΩ	>100MΩ	>100MΩ
144	TMR3-1 wrt MON-5	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
145	TMR3-1 wrt MON-6	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
146	TMR3-1 wrt MON-7	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
147	TMR3-1 wrt MON-8	Coil live wrt CMD No: 2 Midpoints	> 100MΩ	>100MΩ	>100MΩ
148	TMR3-1 wrt PO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100MΩ	>100MΩ
149	TMR3-1 wrt RO-5	Coil live wrt CMD No: 2 o/p	> 100MΩ	>100MΩ	>100MΩ
150	TMR3-1 wrt MON-9	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
151	TMR3-1 wrt MON-10	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
152	TMR3-1 wrt MON-11	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
153	TMR3-1 wrt MON-12	Coil live wrt CMD No: 3 Midpoints	> 100MΩ	>100MΩ	>100MΩ
154	TMR3-1 wrt PO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100MΩ	>100MΩ
155	TMR3-1 wrt RO-9	Coil live wrt CMD No: 3 o/p	> 100MΩ	>100MΩ	>100MΩ
156	TMR3-1 wrt MON-13	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
157	TMR3-1 wrt MON-14	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
158	TMR3-1 wrt MON-15	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
159	TMR3-1 wrt MON-16	Coil live wrt CMD No: 4 Midpoints	> 100MΩ	>100MΩ	>100MΩ
160	TMR3-1 wrt PO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100MΩ	>100MΩ
161	TMR3-1 wrt. RO-13	Coil live wrt CMD No: 4 o/p	> 100MΩ	>100MΩ	>100MΩ
162	TMR3-1 wrt MON-17	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
163	TMR3-1 wrt MON-18	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
164	TMR3-1 wrt MON-19	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
165	TMR3-1 wrt MON-20	Coil live wrt CMD No: 5 Midpoints	> 100MΩ	>100MΩ	>100MΩ
166	TMR3-1 wrt PO-15	Coil live wrt CMD No: 5 o/p	> 100MΩ	>100MΩ	>100MΩ
167	TMR3-1 wrt. RO-15	Coil live wrt CMD No: 5 o/p	> 100MΩ	>100MΩ	>100MΩ
168	*PO-40 wrt MON-1	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
169	*PO-40 wrt MON-2	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
170	*PO-40 wrt MON-3	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
171	*PO-40 wrt MON-4	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
172	*PO-40 wrt MON-5	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
173	*PO-40 wrt MON-6	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
174	*PO-40 wrt MON-7	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
175	*PO-40 wrt MON-8	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
176	*PO-40 wrt MON-9	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
177	*PO-40 wrt MON-10	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
178	*PO-40 wrt MON-11	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
179	*PO-40 wrt MON-12	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
180	*PO-40 wrt MON-13	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
181	*PO-40 wrt MON-14	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
182	*PO-40 wrt MON-15	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
183	*PO-40 wrt MON-16	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
184	*PO-40 wrt MON-17	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
185	*PO-40 wrt MON-18	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
186	*PO-40 wrt MON-19	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
187	*PO-40 wrt MON-20	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
188	*PO-40 wrt TMR1-1	Contact i/p wrt Coil1 live	> 100MΩ	>100MΩ	>100MΩ
189	*PO-40 wrt TMR2-1	Contact i/p wrt Coil2 live	> 100MΩ	>100MΩ	>100MΩ
190	*PO-40 wrt TMR3-1	Contact i/p wrt Coil3 live	> 100MΩ	>100MΩ	>100MΩ
191	*PO-40 wrt PO-1	Contact i/p wrt CMD No: o/ps-P	> 100MΩ	>100MΩ	>100MΩ
192	*PO-40 wrt PO-5	Contact i/p wrt CMD No: o/ps-P	> 100MΩ	>100MΩ	>100MΩ
193	*PO-40 wrt PO-9	Contact i/p wrt CMD No: o/ps-P	> 100MΩ	>100MΩ	>100MΩ
194	*PO-40 wrt PO-13	Contact i/p wrt CMD No: o/ps-P	> 100MΩ	>100MΩ	>100MΩ
195	*PO-40 wrt PO-15	Contact i/p wrt CMD No: o/ps-P	> 100MΩ	>100MΩ	>100MΩ
196	*PO-40 wrt RO-1	Contact i/p wrt CMD No: o/ps-R	> 100MΩ	>100MΩ	>100MΩ
197	*PO-40 wrt RO-5	Contact i/p wrt CMD No: o/ps-R	> 100MΩ	>100MΩ	>100MΩ
198	*PO-40 wrt RO-9	Contact i/p wrt CMD No: o/ps-R	> 100MΩ	>100MΩ	>100MΩ
199	*PO-40 wrt RO-13	Contact i/p wrt CMD No: o/ps-R	> 100MΩ	>100MΩ	>100MΩ
200	*PO-40 wrt RO-15	Contact i/p wrt CMD No: o/ps-R	> 100MΩ	>100MΩ	>100MΩ
201	*RO-40 wrt MON-1	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
202	*RO-40 wrt MON-2	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
203	*RO-40 wrt MON-3	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
204	*RO-40 wrt MON-4	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ

Sl no.	Test Points	Description	Expected	Observed	
				ISRC	FSRC
205	*RO-40 wrt MON-5	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
206	*RO-40 wrt MON-6	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
207	*RO-40 wrt MON-7	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
208	*RO-40 wrt MON-8	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
209	*RO-40 wrt MON-9	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
210	*RO-40 wrt MON-10	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
211	*RO-40 wrt MON-11	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
212	*RO-40 wrt MON-12	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
213	*RO-40 wrt MON-13	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
214	*RO-40 wrt MON-14	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
215	*RO-40 wrt MON-15	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
216	*RO-40 wrt MON-16	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
217	*RO-40 wrt MON-17	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
218	*RO-40 wrt MON-18	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
219	*RO-40 wrt MON-19	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
220	*RO-40 wrt MON-20	Contact i/p wrt Midpoints	> 100MΩ	>100MΩ	>100MΩ
221	*RO-40 wrt TMR1-1	Contact i/p wrt Coil1 live	> 100MΩ	>100MΩ	>100MΩ
222	*RO-40 wrt TMR2-1	Contact i/p wrt Coil2 live	> 100MΩ	>100MΩ	>100MΩ
223	*RO-40 wrt TMR3-1	Contact i/p wrt Coil3 live	> 100MΩ	>100MΩ	>100MΩ
224	*RO-40 wrt PO-1	Contact i/p wrt CMD No:1 o/ps-P	> 100MΩ	>100MΩ	>100MΩ
225	*RO-40 wrt PO-5	Contact i/p wrt CMD No:2 o/ps-P	> 100MΩ	>100MΩ	>100MΩ
226	*RO-40 wrt PO-9	Contact i/p wrt CMD No: 3 o/ps-P	> 100MΩ	>100MΩ	>100MΩ
227	*RO-40 wrt PO-13	Contact i/p wrt CMD No:4 o/ps-P	> 100MΩ	>100MΩ	>100MΩ
228	*RO-40 wrt PO-15	Contact i/p wrt CMD No:5 o/ps-P	> 100MΩ	>100MΩ	>100MΩ
229	*RO-40 wrt RO-1	Contact i/p wrt CMD No:1 o/ps-R	> 100MΩ	>100MΩ	>100MΩ
230	*RO-40 wrt RO-5	Contact i/p wrt CMD No: 2 o/ps-R	> 100MΩ	>100MΩ	>100MΩ
231	*RO-40 wrt RO-9	Contact i/p wrt CMD No:3 o/ps-R	> 100MΩ	>100MΩ	>100MΩ
232	*RO-40 wrt RO-13	Contact i/p wrt CMD No:4 o/ps-R	> 100MΩ	>100MΩ	>100MΩ
233	*RO-40 wrt RO-15	Contact i/p wrt CMD No:5 o/ps-R	> 100MΩ	>100MΩ	>100MΩ
234	All pins wrt chassis		>100MΩ	>100MΩ	>100MΩ
235	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ

* 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