

# Checklist of CEM C25\_TSFDIODE

## Annexure-3

### TSF Diode Box

#### Isolation Checks

SL No.	Pin No.	Description	Expected	Observed	
				ISRC	FSRC
1.	KF1-1 wrt KF1-2 to 40, All pins of KF2, KM1, KM2 except KM1-1	CATHODE 1	>100MΩ	>100MΩ	>100MΩ
2.	KF1-2 wrt KF1-3 to 40, All pins of KF2, KM1, KM2 except KM1-2	CATHODE 2	>100MΩ	>100MΩ	>100MΩ
3.	KF1-3 wrt KF1-4 to 40, All pins of KF2, KM1, KM2 except KM1-3	CATHODE 3	>100MΩ	>100MΩ	>100MΩ
4.	KF1-4 wrt KF1-5 to 40, All pins of KF2, KM1, KM2 except KM1-4	CATHODE 4	>100MΩ	>100MΩ	>100MΩ
5.	KF1-5 wrt KF1-6 to 40, All pins of KF2, KM1, KM2 except KM1-5	CATHODE 5	>100MΩ	>100MΩ	>100MΩ
6.	KF1-6 wrt KF1-7 to 40, All pins of KF2, KM1, KM2 except KM1-6	CATHODE 6	>100MΩ	>100MΩ	>100MΩ
7.	KF1-7 wrt KF1-8 to 40, All pins of KF2, KM1, KM2 except KM1-7	CATHODE 7	>100MΩ	>100MΩ	>100MΩ
8.	KF1-8 wrt KF1-9 to 40, All pins of KF2, KM1, KM2 except KM1-8	CATHODE 8	>100MΩ	>100MΩ	>100MΩ
9.	KF1-9 wrt KF1-10 to 40, All pins of KF2, KM1, KM2 except KM1-9	CATHODE 9	>100MΩ	>100MΩ	>100MΩ
10.	KF1-10 wrt KF1-11 to 40, All pins of KF2, KM1, KM2 except KM1-10	CATHODE 10	>100MΩ	>100MΩ	>100MΩ
11.	KF1-11 wrt KF1-12 to 40, All pins of KF2, KM1, KM2 except KM1-11	CATHODE 11	>100MΩ	>100MΩ	>100MΩ
12.	KF1-12 wrt KF1-13 to 40, All pins of KF2, KM1, KM2 except KM1-12	CATHODE 12	>100MΩ	>100MΩ	>100MΩ
13.	KF2-1 wrt KF2-2 to 40, All pins of KM1 & KM2 except KM2-1	CATHODE 13	>100MΩ	>100MΩ	>100MΩ
14.	KF2-2 wrt KF2-3 to 40, All pins of KM1 & KM2 except KM2-2	CATHODE 14	>100MΩ	>100MΩ	>100MΩ
15.	KF2-3 wrt KF2-4 to 40, All pins of KM1 & KM2 except KM2-3	CATHODE 15	>100MΩ	>100MΩ	>100MΩ
16.	KF2-4 wrt KF2-5 to 40, All pins of KM1 & KM2 except KM2-4	CATHODE 16	>100MΩ	>100MΩ	>100MΩ
17.	KF2-5 wrt KF2-6 to 40, All pins of KM1 & KM2 except KM2-5	CATHODE 17	>100MΩ	>100MΩ	>100MΩ
18.	KF2-6 wrt KF2-7 to 40, All pins of KM1 & KM2 except KM2-6	CATHODE 18	>100MΩ	>100MΩ	>100MΩ
19.	KF2-7 wrt KF2-8 to 40, All pins of KM1 & KM2 except KM2-7	CATHODE 19	>100MΩ	>100MΩ	>100MΩ

20.	KF2-8 wrt KF2-9 to 40, All pins of KM1 & KM2 except KM2-8	CATHODE 20	>100MΩ	>100MΩ	>100MΩ
21.	KF2-9 wrt KF2-10 to 40, All pins of KM1 & KM2 except KM2-9	CATHODE 21	>100MΩ	>100MΩ	>100MΩ
22.	KF2-10 wrt KF2-11 to 40, All pins of KM1 & KM2 except KM2-10	CATHODE 22	>100MΩ	>100MΩ	>100MΩ
23. [	KF2-11 wrt KF2-12 to 40, All pins of KM1 & KM2 except KM2-11	CATHODE 23	>100MΩ	>100MΩ	>100MΩ
24.	KF2-12 wrt KF2-13 to 40, All pins of KM1 & KM2 except KM2-12	CATHODE 24	>100MΩ	>100MΩ	>100MΩ
25.	KM1-1 wrt KM1-2 to 40 & All pins of KM2	ANODE 1	>100MΩ	>100MΩ	>100MΩ
26.	KM1-2 wrt KM1-3 to 40 & All pins of KM2	ANODE 2	>100MΩ	>100MΩ	>100MΩ
27.	KM1-3 wrt KM1-4 to 40 & All pins of KM2	ANODE 3	>100MΩ	>100MΩ	>100MΩ
28.	KM1-4 wrt KM1-5 to 40 & All pins of KM2	ANODE 4	>100MΩ	>100MΩ	>100MΩ
29.	KM1-5 wrt KM1-6 to 40 & All pins of KM2	ANODE 5	>100MΩ	>100MΩ	>100MΩ
30.	KM1-6 wrt KM1-7 to 40 & All pins of KM2	ANODE 6	>100MΩ	>100MΩ	>100MΩ
31.	KM1-7 wrt KM1-8 to 40 & All pins of KM2	ANODE 7	>100MΩ	>100MΩ	>100MΩ
32.	KM1-8 wrt KM1-9 to 40 & All pins of KM2	ANODE 8	>100MΩ	>100MΩ	>100MΩ
33.	KM1-9 wrt KM1-10 to 40 & All pins of KM2	ANODE 9	>100MΩ	>100MΩ	>100MΩ
34.	KM1-10 wrt KM1-11 to 40 & All pins of KM2	ANODE 10	>100MΩ	>100MΩ	>100MΩ
35.	KM1-11 wrt KM1-12 to 40 & All pins of KM2	ANODE 11	>100MΩ	>100MΩ	>100MΩ
36.	KM1-12 wrt KM1-13 to 40 & All pins of KM2	ANODE 12	>100MΩ	>100MΩ	>100MΩ
37.	KM2-1 wrt KM2-2 to 40	ANODE 13	>100MΩ	>100MΩ	>100MΩ
38.	KM2-2 wrt KM2-3 to 40	ANODE 14	>100MΩ	>100MΩ	>100MΩ
39.	KM2-3 wrt KM2-4 to 40	ANODE 15	>100MΩ	>100MΩ	>100MΩ
40.	KM2-4 wrt KM2-5 to 40	ANODE 16	>100MΩ	>100MΩ	>100MΩ
41.	KM2-5 wrt KM2-6 to 40	ANODE 17	>100MΩ	>100MΩ	>100MΩ
42.	KM2-6 wrt KM2-7 to 40	ANODE 18	>100MΩ	>100MΩ	>100MΩ
43.	KM2-7 wrt KM2-8 to 40	ANODE 19	>100MΩ	>100MΩ	>100MΩ
44.	KM2-8 wrt KM2-9 to 40	ANODE 20	>100MΩ	>100MΩ	>100MΩ
45.	KM2-9 wrt KM2-10 to 40	ANODE 21	>100MΩ	>100MΩ	>100MΩ
46.	KM2-10 wrt KM2-11 to 40	ANODE 22	>100MΩ	>100MΩ	>100MΩ
47.	KM2-11 wrt KM2-12 to 40	ANODE 23	>100MΩ	>100MΩ	>100MΩ
48.	KM2-12 wrt KM2-13 to 40	ANODE 24	>100MΩ	>100MΩ	>100MΩ
49.	All pins wrt Chassis		>100MΩ	>100MΩ	>100MΩ

### List of Connectors in the package

1. KF1,KF2=50 pin Female

2.KM1,KM2=50 pin Male