

Checklist of CEM C25_FSFRL

Continuity Checks

Sl. No.	Pin Details	Description	Observed		Expected
			ISRC	FSRC	
1.	TMR1-1 & 9	TMR1 coil live	8mΩ	8mΩ	<100mΩ
2.	TMR2-1 & 9	TMR2 coil live	10mΩ	10mΩ	<100mΩ
3.	TMR3-1 & 9	TMR3 coil live	9mΩ	9mΩ	<100mΩ
4.	PO-1 & PO- 2	CMD38 Output-P	3.198Ω	3.199Ω	[3Ω ± 1% + 500mΩ max]
5.	RO-1 & RO-2	CMD38 Output-R	3.326Ω	3.327Ω	[3Ω ± 1% + 500mΩ max]
6.	PO-1 & RO-1	CMD38 o/p P&R	>100MΩ	>100MΩ	>100MΩ
7.	PO-5 & PO-6	CMD61 Output-P	1.058Ω	1.059Ω	[1Ω ± 1% + 500mΩ max]
8.	RO-5 & RO-6	CMD61 Output-R	1.045Ω	1.046Ω	[1Ω ± 1% + 500mΩ max]
9.	PO-5 & RO-5	CMD61 o/p P&R	>100MΩ	>100MΩ	>100MΩ
10.	PO-9 & PO-10	CMD65 Output-P	1.011Ω	1.011Ω	[1Ω ± 1% + 500mΩ max]
11.	RO-9 & RO-10	CMD65 Output-R	1.096Ω	1.096Ω	[1Ω ± 1% + 500mΩ max]
12.	PO-9 & RO-9	CMD65 o/p P&R	>100MΩ	>100MΩ	>100MΩ
13.	PO-13 & PO-14	CMD87 Output-P	4.369Ω	4.370Ω	[4Ω ± 1% + 500mΩ max]
14.	PO-15 & PO-16	Spare1 Output-P	1.330Ω	1.331Ω	[1Ω ± 1% + 500mΩ max]
15.	PO-14 & PO-15	CMD87 & Spare1	>100MΩ	>100MΩ	>100MΩ
16.	RO-13 & RO-14	CMD87 Output-R	4.134Ω	4.135Ω	[4Ω ± 1% + 500mΩ max]
17.	RO-15 & RO-16	Spare1 Output-R	1.103Ω	1.103Ω	[1Ω ± 1% + 500mΩ max]
18.	RO-14 & RO-15	CMD87 & Spare1	>100MΩ	>100MΩ	>100MΩ
19.	PO-13 & RO-15	CMD87 & Spare1	>100MΩ	>100MΩ	>100MΩ
20.	PO-13 & RO-13	CMD87 o/p P&R	>100MΩ	>100MΩ	>100MΩ
21.	PO-15 & RO-13	Spare1 & CMD87	>100MΩ	>100MΩ	>100MΩ
22.	PO-15 & RO-15	Spare1 o/p P&R	>100MΩ	>100MΩ	>100MΩ
23.	All pins with respect to chassis		>100MΩ	>100MΩ	>100MΩ
24.	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ

List of Connectors in the package

1. TMR1,TMR2 and TMR3=15 pin Male

2.PO,RO and MON=25 pin Female