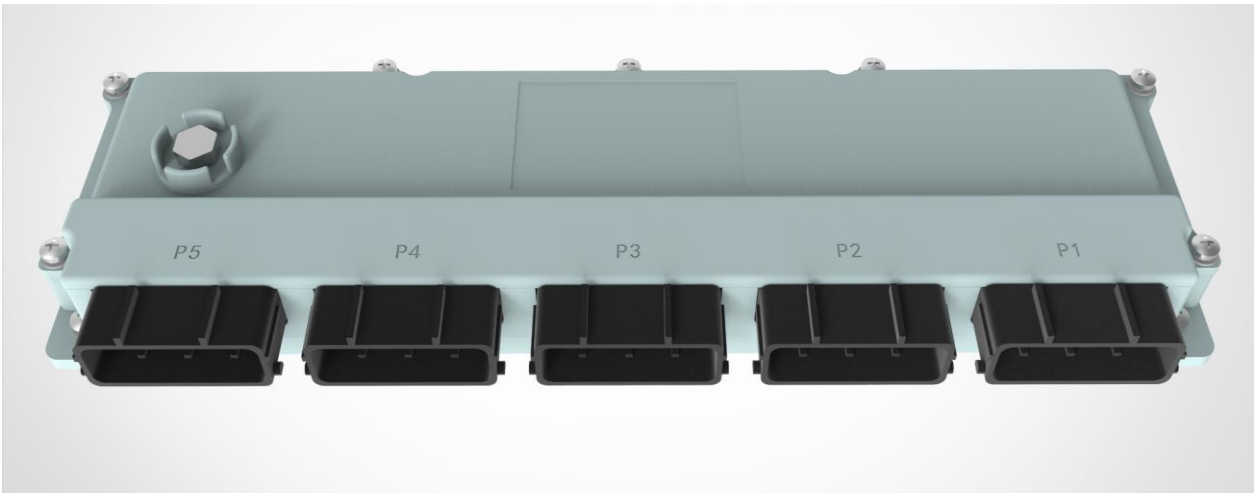


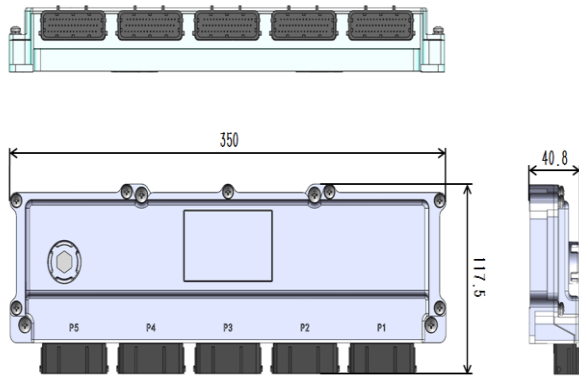
CVM Cell Voltage Monitor Device



Features

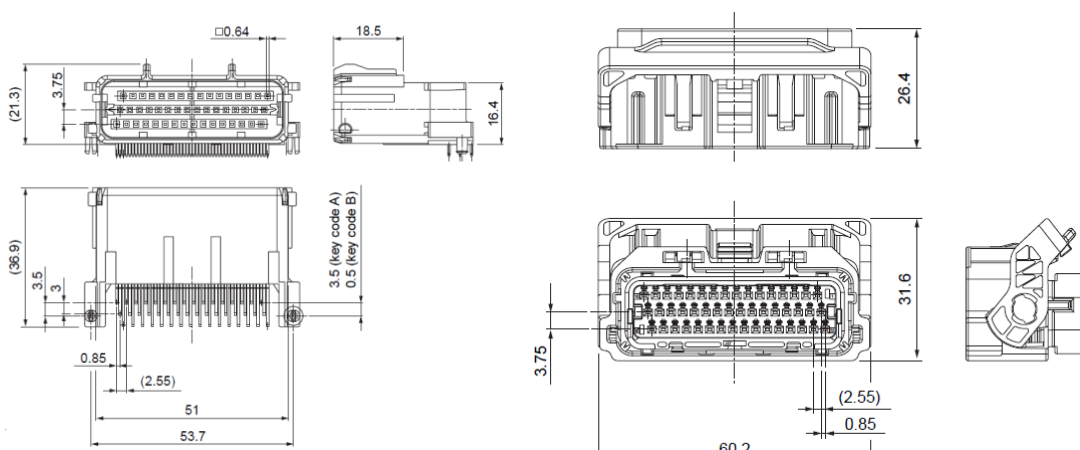
- High precision metering of each cell voltage;
- CAN2.0B digital interface output;
- Support network multi node program refresh ;
- Support single panel impedance measurement for stack ;
- Designed according to automotive electronic standards, high reliability ;
- High integration, small size, and multiplt application systems;
- High temperature, salt spray, and humidity resistance;

Dimension



Technical specifications

Item	Parameters
Product information	
Version	V1.0
Model	CVM36-G7
Input voltage	
Input voltage range	9-32VDC, 36V@1h
Specifications	
Channels	252
Voltage range	-5~5VDC
Accuracy	<10mV
Acquisition cycle	150ms
Isolation resistance	≥20MΩ@1000V
Humidity	5-100%RH
Temperature	-40~105℃
Altitude	≥2000m
Protection level	IP67
Flame retardant grade	V-0
Communication	2 channels CAN 250/500kps
Dimension (L×W×H)	350×117.5×40.8mm
Net weight	2kg

Connector SN	P1	P2	P3	P4	P5	P6
Schematic diagram of connectors						
Circuit board models	S48B-ZROK-2A-R	S48B-ZROK-2A-R	S48B-ZROK-2A-R	S48B-ZROK-2A-R	S48B-ZROK-2A-R	S48B-ZROK-2A-R
Wire model	48ZRO-B-2A	48ZRO-B-2A	48ZRO-B-2A	48ZRO-B-2A	48ZRO-B-2A	48ZRO-B-2A
#1	/	V30	V78	V126	V174	/
#2	CAN0H	V33	V81	V129	V177	V221
#3	CAN1H	V36	V84	V132	V180	V223
#4	CAN1SHD	V39	V87	V135	V183	V226
#5	/	V42	V90	V138	V186	V229
#6	/	V45	V93	V141	V189	V232
#7	V0	V48	V96	V144	V192	V235
#8	V3	V51	V99	V147	V195	V238
...	...	...	...	...	...	...
#15	V24	V72	V120	V168	V216	/
#16	V27	V75	V123	V171	V219	/
#17	/	V31	V79	V127	V175	/
#18	CAN0L	V34	V82	V130	V178	V222
#19	CAN1L	V37	V85	V133	V181	V224
#20	CAN0SHD	V40	V88	V136	V184	V227
#21	/	V43	V91	V139	V187	V230
#22	/	V46	V94	V142	V190	V233
#23	V1	V49	V97	V145	V193	V236
...	...	...	...	...	...	...
#33	BAT+	V32	V80	V128	V176	/
#34	BAT-	V35	V83	V131	V179	/
#35	BAT-	V38	V86	V134	V182	V225
#36	GN DEN	V41	V89	V137	V185	V228
#37	EN_SWITC H	V44	V92	V140	V188	V231
#38	/	V47	V95	V143	V191	V234
#39	V2	V50	V98	V146	V194	V237
#40	V5	V53	V101	V149	V197	V240
...	...	...	...	...	...	...
#47	V26	V74	V122	V170	V218	/
#48	V29	V77	V125	V173	/	/