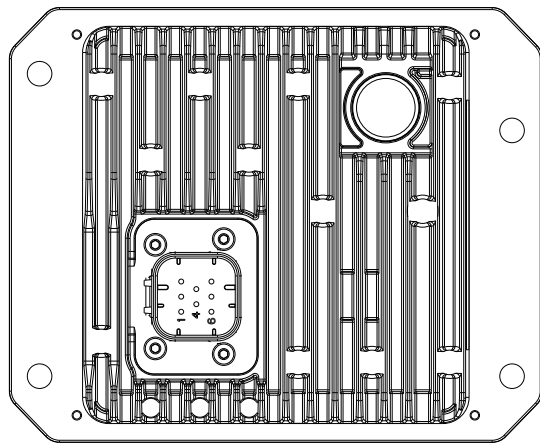
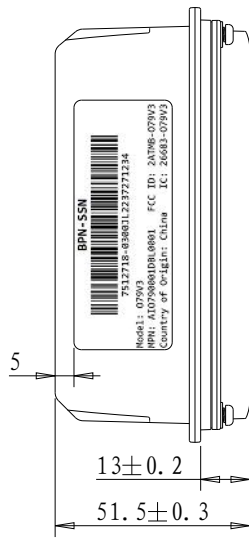
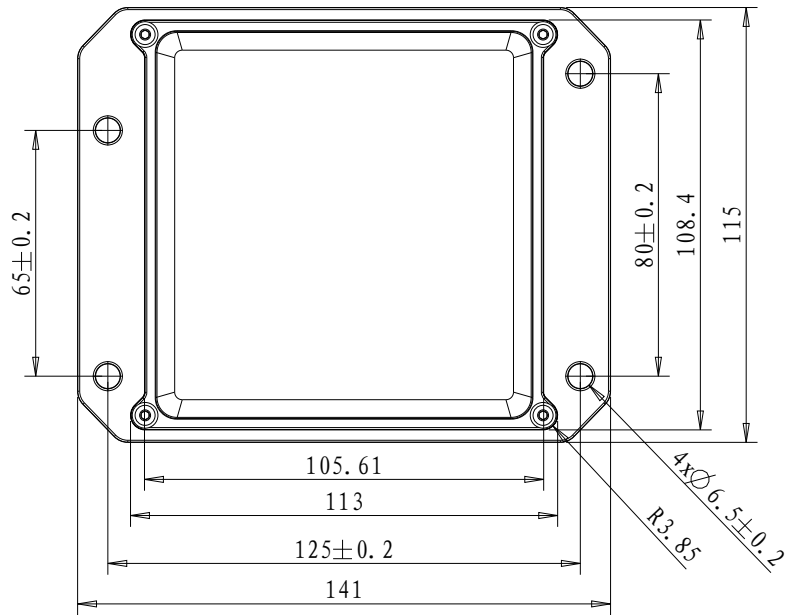


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↑ TOP



Dimensional Tolerances - DCTG3							
0-10	10-16	16-25	25-40	40-63	63-100	100-160	160-250
0.18	0.2	0.22	0.24	0.26	0.28	0.3	0.34

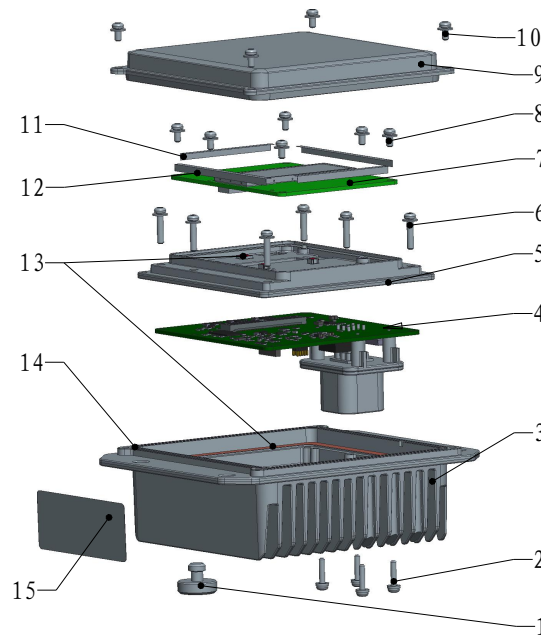


Table 1 Radar Operating Limits				
Number	Parameter	Min	Typ	Max
1	Supply Voltage (V)	8	13	26
2	Supply Current (A)		0.6	2
3	Radar Frequency (GHz)	76		81
4	Operating Temperature (°C)	-40		65
5	Storage Temperature (°C)	-40		85
6	Communication Interface	CAN BUS		
7	Protection Grade	IP67/IP69K		

Table 2 Connector parameter table	
Connector part TE/1-776276-1. PCB mount, fully shrouded, sealable, 8 pin, gold contacts.	
Number	functional definition
1	DC-IN
2	GND-IN
3	CAN-H
4	CAN-L
5	NC
6	NC
7	NC
8	NC

15	079V3-008	079V3- Product Label	1	Adhesive label			
14	212001000001	sealant Dow Corning 7091					
13	212002000011	Tputty607 thermal conductive gel					
12	079V3-007	079V3-RF board copper foil tape 2	2	Copper			
11	079V3-006	079V3-RF board copper foil tape 1	2	Copper			
10	206009000002	M3x8 pan head hex socket triple combination screw (black)	4	316			ELECTROPHORESIS BLACK
9	079V3-005	079V3- Radome	1	PBT-GF30			
8	206009000004	M3x6 pan head hex socket triple combination screw	6	304			
7	079V3-004	079V3 RF Board PCBA V3.3.0	1				
6	206009000003	M3x14 pan head hex socket triple combination screw	6	304			
5	079V3-003	079V3- RF board fixing plate	1	YL102			
4	079V3-002	079V3- Digital Board PCBA V3.4.3	1				
3	079V3-001	079V3- Bottom shell	1	YL102			
2	206009000006	ST2.6X12-PC (with flat washer) pan head hexagonal flat tail self tapping screw (black)	4	316			ELECTROPHORESIS BLACK
1	AMF300114	Breathing valve	1				
Number	Code	Name	Quantity	Material	Single piece	Total	Notes
					Weight		

Part Numbers							Ainstein AI, Inc.
MPN	AI0790001DBL0001						
BPN	7512718			Unit: mm			079 Imaging Radar
				Stage markers	Weight	Proportion	079V3-000
Designed by	唐甲超	Checked By	齐文涛				
Checked By	齐文涛	Checked By	李忠斌			1:2	
Checked By	刘浩	Approved By	Eric Shumaker	page 1 of 1			