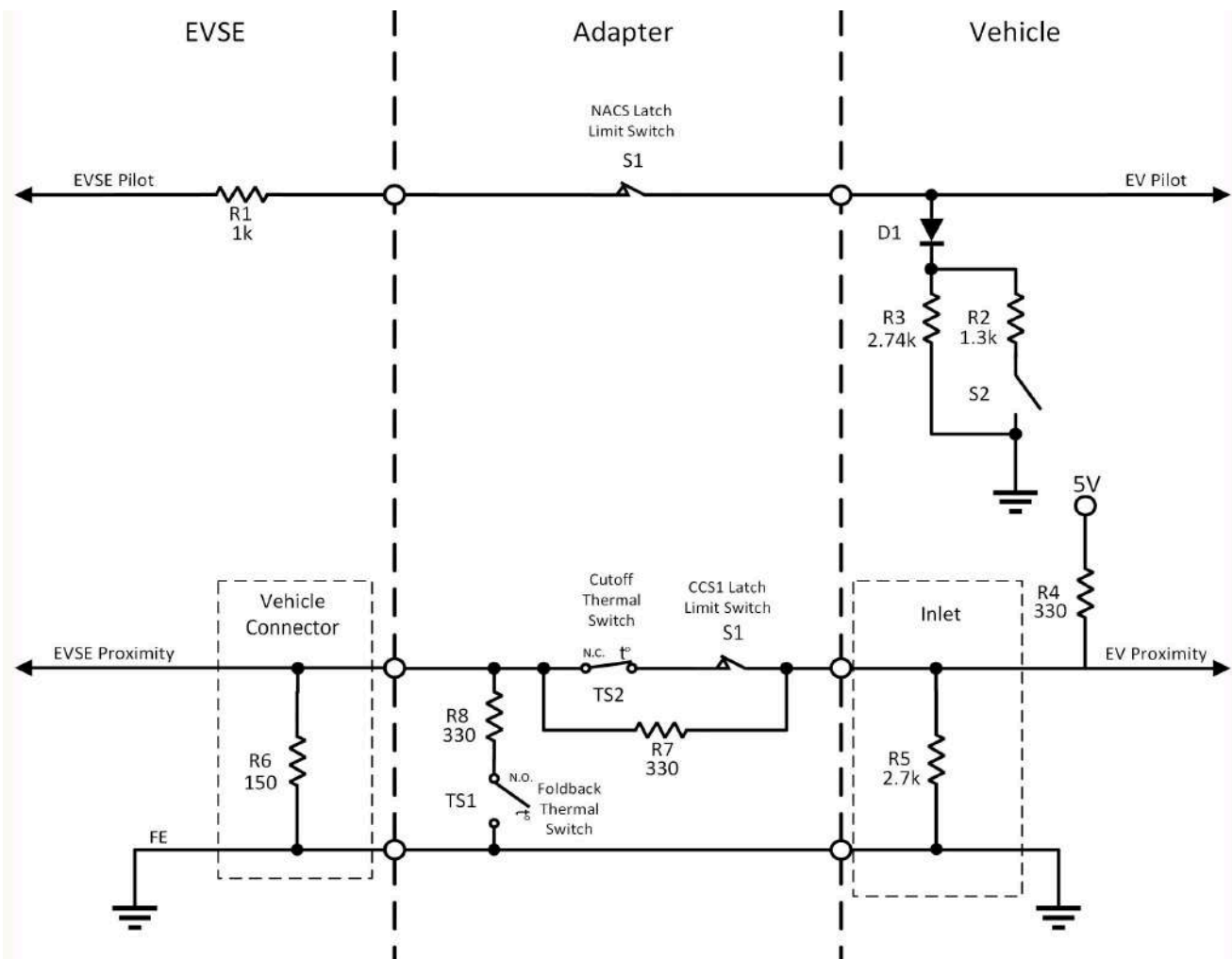
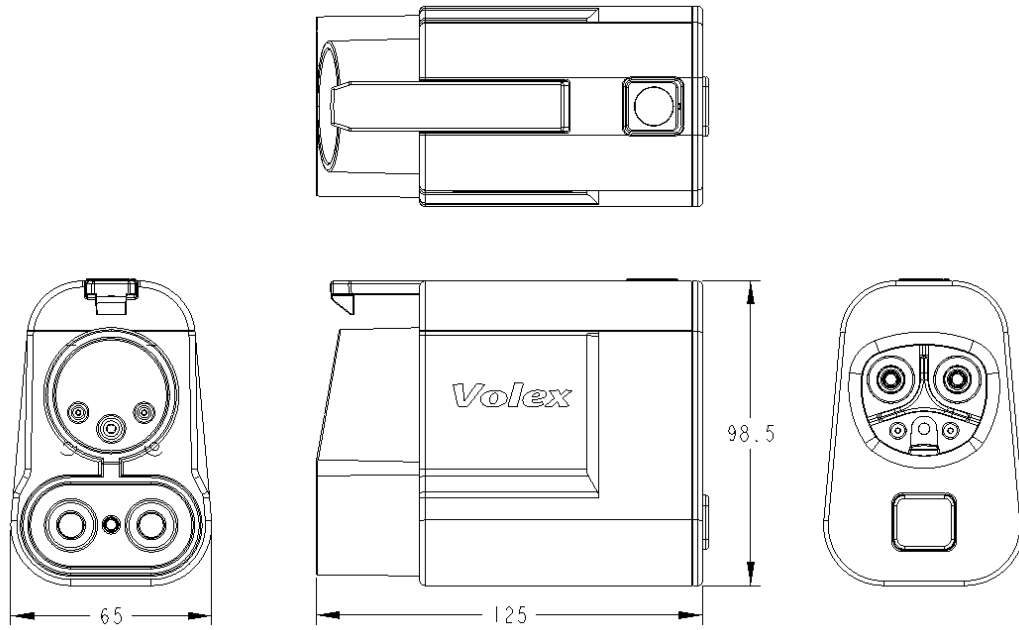


# NACS TO CCS1 EV CHARGING ADAPTER



PRODUCT DEFINITION	
Charging Standard	SAE J1772, NACS TS-0023666
Standard / Regulations	IEC 62196-2, IEC 62196-3
Approvals & Certification	UL 2252
DIMENSIONS OF ADAPTER	
Width	65.0 mm
Height	98.5 mm
Depth	125.0 mm
ENVIRONMENTAL SPECIFICATIONS	
Ambient Temperature (Operation)	-30°C to +50°C
Ambient Temperature (Storage / Transport)	-40°C to +80°C
Maximum Altitude	3000 m (above sea level)
Operating Humidity	Up to 95% RH, Condensing
Degree of Protection (Mated with Socket / Plug)	IP54
Degree of Protection (Adapter)	IP67
ELECTRICAL AND MECHANICAL PROPERTIES	
Rated Voltage	1000V DC
Rated Current	300A
Rated Voltage for Signal Contacts	30V DC
Rated Current for Signal Contacts	2A
Insulation Resistance	≥ 100 MΩ
Temperature Sensor Threshold	85°C
Mating Cycles (NACS Inlet and CCS1 Connector)	≥ 10,000
Insertion Force and Withdrawal Force	< 100 N
Minimum Latching Mechanism Depression Force	10 N
MATERIAL	
Adapter Enclosure	Plastic
J1772 Latch	17-4 Stainless Steel
Terminal	Copper
Plating	Silver / Nickel Plating or On Request
Flammability Rating	UL 94V-0

VOLEX NACS TO CCS1 ADAPTER MECHANICAL DRAWING



Contact us at [sales@volex.com](mailto:sales@volex.com) for assistance in finding the right solution for your needs.