

## GPS Panel Mount Connectors

Battlefield-tested and fully ruggedized for military use, GPS connectors are the product to depend on for today's unique radio applications.

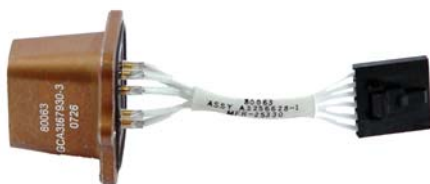
**COOPER** Interconnect



A3266293-5 and -6

### Features

- Durable, high-impact Aluminum Alloy 6061-T6 shell construction resists impact damage.
- Precision contacts are gold over nickel for positive electrical connection with minimum voltage drop.
- Non-conductive face surface.
- Conforms to CECOM standard layout.



GCA3167930-3

### Benefits

- Unique shape of mating shells and inserts provide an exceptional seal, and meet MIL-STD-810 military water immersion requirements.
- Precision signal and coax contacts meet the most stringent military standards, assuring optimum signal strength with minimal loss.
- Panel mount with mates available, fits most current military GPS systems.

**Solutions  
You Can  
Trust**

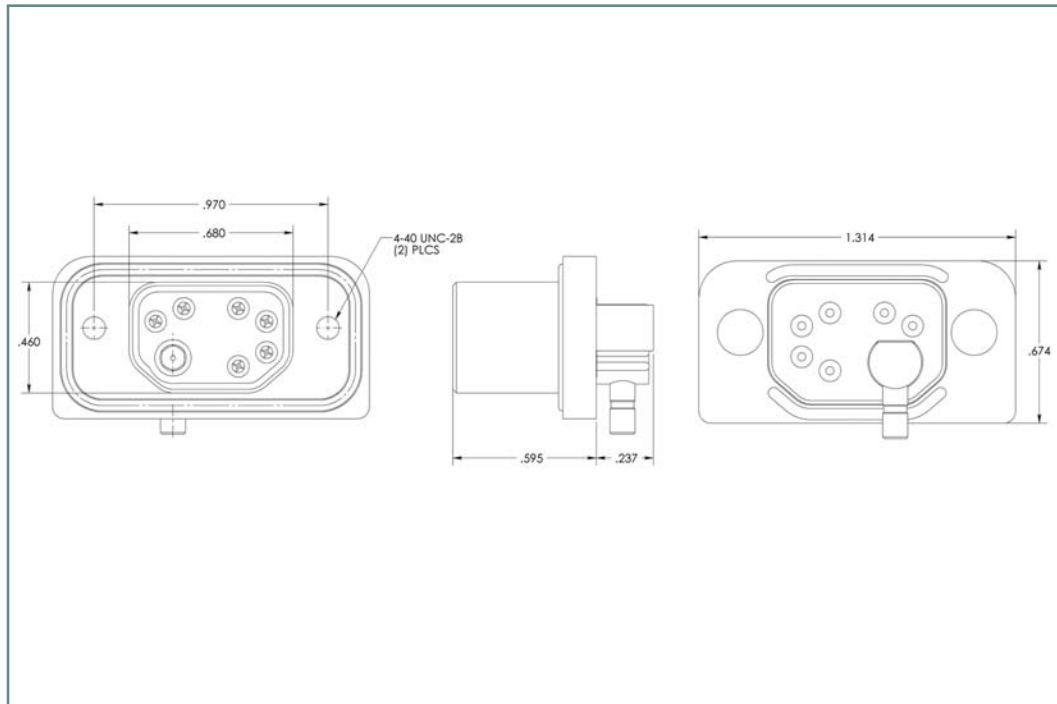
# GPS Connectors

## Specifications

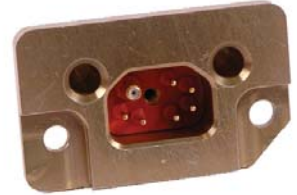
MATERIALS AND FINISHES	
<b>SHELLS</b>	Aluminum alloy 6061-T6.
Finish	Chemical film coating per MIL-C-5541, Class 3.
<b>INSERT &amp; CONTACTS</b>	
Insert	PBT per MIL-M-24519, Nylon Type 66, or DAP.
Contacts	Gold plated per MIL-G-45204, Type II, Class 1, Grade C, over 50 micro inches nickel plate.

ELECTRICAL	
Dielectric Strength	125 Volts RMS.
Insulation Resistance	5000 Megohms Min.
Contact Resistance	10 milliohms Max.
Coax Contact Resistance	275 milliohms Max.

MECHANICAL	
Air Pressure	15 PSI.
Water Immersion	Meets MIL-STD-810, method, procedure I.
Operating Temperatures	-55° C to +85° C.



Other GPS connectors available.  
Consult factory.



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