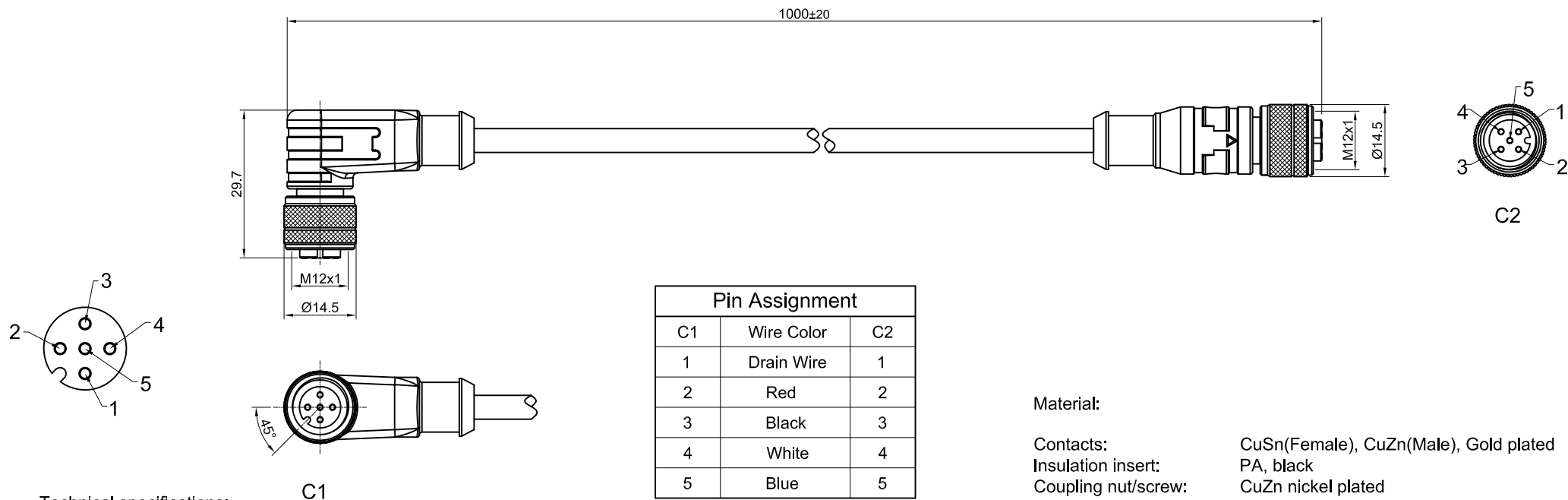


| Revisions |             |         |      |
|-----------|-------------|---------|------|
| Rev.      | Description | ECN No. | Date |
|           |             |         |      |



Technical specifications:

|                           |                 |
|---------------------------|-----------------|
| Connector locking system: | Screw           |
| Termination               | Soldering       |
| Temperature range:        | -40°C ~ +80°C   |
| Pollution degree:         | 3               |
| Degree of protection:     | IP67 when mated |
| Mating cycles:            | ≥100            |
| Rated voltage:            | 60V AC/DC       |
| Rated current:            | 4A (Power)      |
| Contact resistance:       | ≤5 mΩ           |
| Insulation resistance:    | ≥100 MΩ         |

Other Notes:

- 100% test to ensure there is no mis-wires, shorts and opens.
- Test voltage 300V  
Insulation resistance 20MΩ  
Conductor resistance 5Ω Max.
- Assembly is according to IPC-A-620

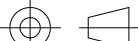
All materials are RoHS compliant

Material:

|                     |                                       |
|---------------------|---------------------------------------|
| Contacts:           | CuSn(Female), CuZn(Male), Gold plated |
| Insulation insert:  | PA, black                             |
| Coupling nut/screw: | CuZn nickel plated                    |
| Overmolding:        | TPU, black                            |
| Sealing:            | FKM, green                            |

Cable-

UL 1P AWG24 + 1P AWG22AWG  
Conductor insulation: PVC  
Shielding: Al+Drain wire+Braid  
Outer jacket: PVC  
Outer diameter: 6.7±0.15mm  
Outer jacket colour: black

|                                                                                                      |                                                                                       |  |      |                                                                          |                          |            |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|------|--------------------------------------------------------------------------|--------------------------|------------|
| <br>THIRD ANGLE | NAME                                                                                  |  | DATE | MATERIAL:                                                                | VOLUME:                  | MASS:      |
|                                                                                                      | DRAWN                                                                                 |  |      |                                                                          |                          |            |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)                                                              | CHECKED                                                                               |  |      | TITLE<br><br>NMEA 2000 5P FEMALE R/A TO<br>FEMALE STRAIGHT DROP CABLE 1M |                          |            |
|                                                                                                      | RELEASE                                                                               |  |      |                                                                          |                          |            |
|                                                                                                      |  |  |      |                                                                          | PART NO.<br>6312-693-690 |            |
| UNIT<br>MM                                                                                           |                                                                                       |  |      |                                                                          | REV.<br>A                | SIZE<br>A4 |

Customer's P/No.  
111-5000-0300