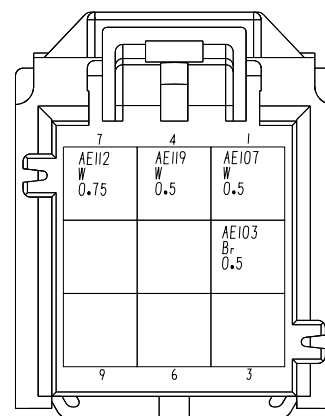


Anti-collision radar  
Connector(TE):5-968971-1



180  
V

Function Tag

860

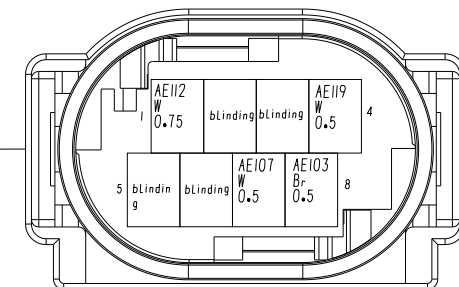
Fixed marking

140

Fixed marking

2000

Anti-collision radar  
Connector(TE):1-1534229-1

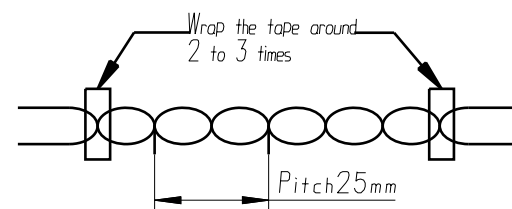


#### Technical requirement:

1. The cables are made of German standard FLRY-B type wires, which can withstand temperatures ranging from  $-40^{\circ}\text{C}$  to  $105^{\circ}\text{C}$ ;
2. The external part of the wire harness is protected by black UFW ultra-flat closed corrugated tubes. The flame retardancy of the corrugated tubes complies with V-0 grade as stipulated in GB/T 2408. Special requirements shall be in accordance with the provisions of Article 8 of this technical specification;
3. The wire numbers are printed on the wires at intervals of 15mm by a spray coder, and the wire numbers are clear and reliable;
4. The wire harness complies with the requirements of QC/T 29106-2014;
5. Permanent waterproof Labels are affixed to the main connectors of the wire harness, including the wire harness drawing number, name, version number, production date, and supplier information, etc;
6. Unless otherwise specified, the view direction shall be as shown in the following figure (when the pin numbers of the connector do not match the view, the view direction shall prevail);



7. The requirements for the twisted wire are as shown in the figure below: 40 twists per meter, and the anti-loose wrapping of the twisted wire should comply with the content specified in section 4.3.5 of QC/T29106-2014;



8. Wiring harness protection refers to the following items.

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| I Zipper-type PVC hose           | VI High-temperature glass fiber sleeve    |
| II PP open-ended corrugated pipe | VII Aluminum foil tape completely wrapped |
| III Self-winding textile sleeve  | VIII Aluminum foil sleeve                 |
| IV PVC sleeve                    | IX Velcro textile sleeve                  |
| V All wrapped with duct tape     | X bib sleeves                             |