

Low Routing Materials

Under
development
Scheduled to be
installed in 2027

Low routing products for expanding vehicle interior spaces and vehicle design flexibility

Background or assignment

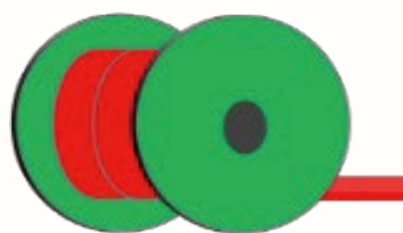
- Automotive parts are becoming larger due to increasing electric current
- Products for routing in small spaces are required

Solutions to Challenges

- 1 [Forming busbar]
Low-height routing materials: Use busbars instead of wires
- 2 [Forming busbar]
End-to-end manufacturing from hoop materials to products
- 3 [Flexible low wires]
Connect flexible wires to the ends of busbars

Main performance, specifications and structure

[Forming busbar]



Copper and aluminum hoop materials with insulators

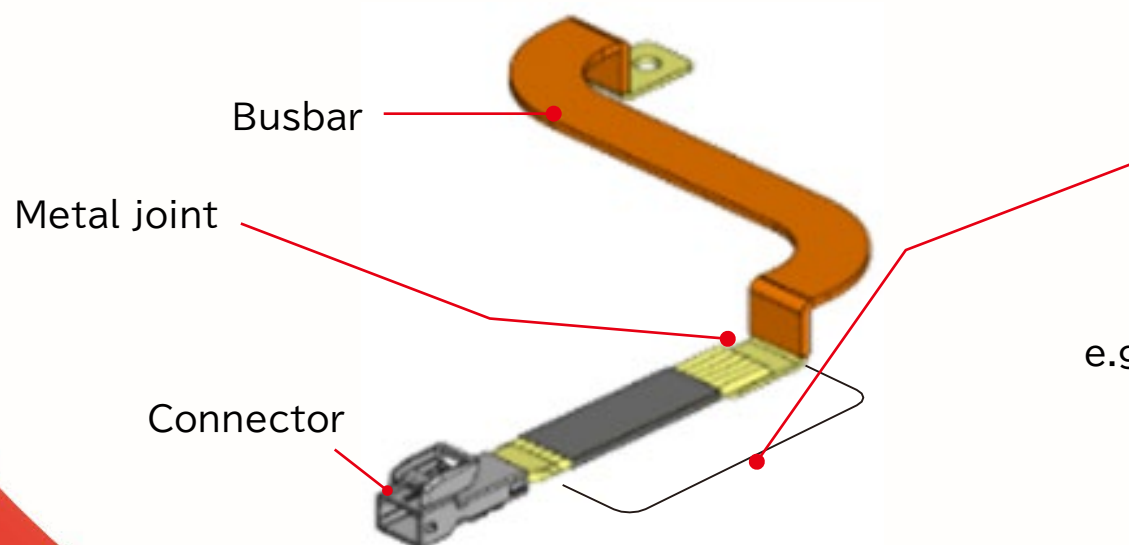


Forming process



Busbar

[Low routing materials ASSY]



[Flexible low wire]



e.g. Put twisted conductors in low area