



**a.e.c.**

*A key player in the automotive electric new developments*

**MGT**  
Modular Ground Terminals



# MGT

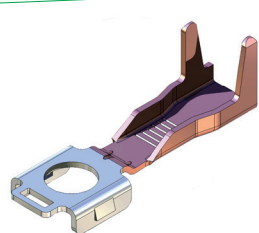
Modular  
Ground  
Terminals

MGT are processed in **EMEA, MAFTA, LATAM e ASIA.**

**150 M** AEC grounds have been installed **since 2004.**

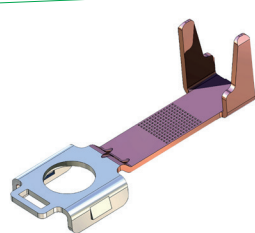
**25%** of those have been sealed and protected with our **shrinkable tubing.**

**Over 75 vehicles** produced in all continents, put to ground the complete wiring harnesses with **AEC sonic welding terminals.**



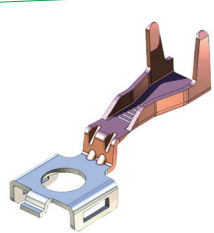
**MGT001ALP**

Anti-rotation design  
Stud M8  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



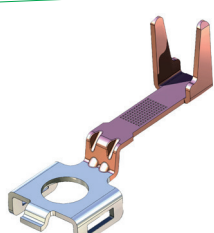
**MGT001AFLP**

Anti-rotation design  
Stud M8  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



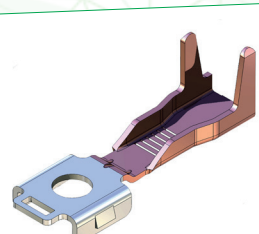
**MGT002ALP**

Anti-rotation design  
Stud M8  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



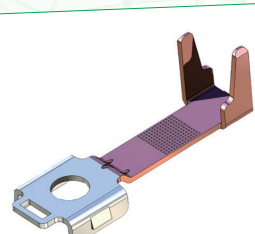
**MGT002AFLP**

Anti-rotation design  
Stud M8  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



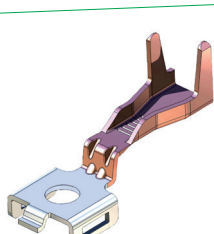
**MGT001BLP**

Anti-rotation design  
Stud M6  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



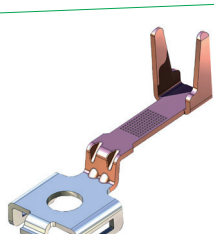
**MGT001BFLP**

Anti-rotation design  
Stud M6  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



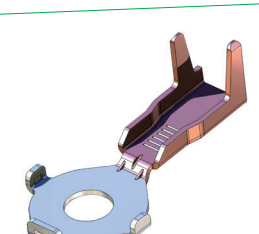
**MGT002BLP**

Anti-rotation design  
Stud M6  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



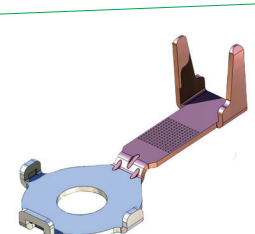
**MGT002BFLP**

Anti-rotation design  
Stud M6  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



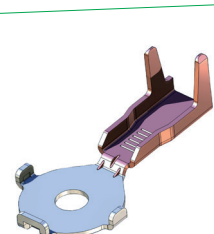
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Flatplate  
Stud M8  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



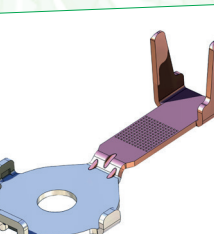
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Flatplate  
Stud M8  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



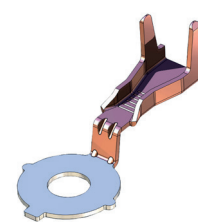
**MGT011BLP**

Flatplate  
Stud M6  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



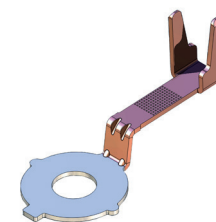
**MGT011BFLP**

Flatplate  
Stud M6  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



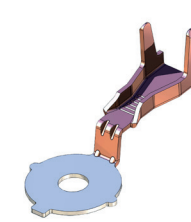
**MGT012ALP**

Flatplate  
Stud M8  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



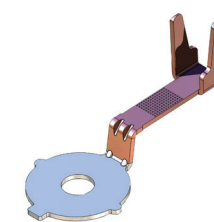
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Flatplate  
Stud M8  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



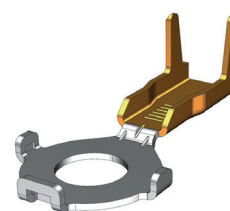
**MGT012BLP**

Flatplate  
Stud M6  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



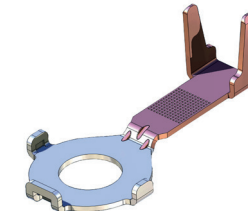
**MGT012BFLP**

Flatplate  
Stud M6  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



**MGT011CLP**

Flatplate  
Stud M10  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



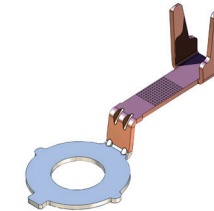
**MGT011CFLP**

Flatplate  
Stud M10  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



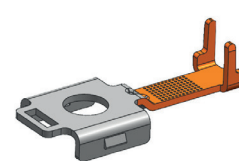
**MGT012CLP**

Flatplate  
Stud M10  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



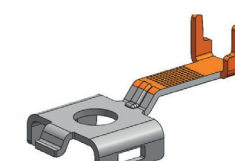
**MGT012CFLP**

Flatplate  
Stud M10  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



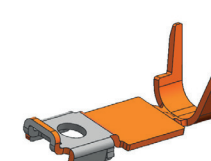
**MGT001BFLPSW**

Anti-rotation design  
Stud M6  
Welding ( 0,5-5 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



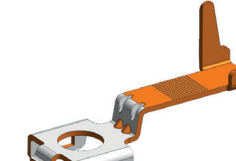
**MGT002BFLPSW**

Anti-rotation design  
Stud M6  
Welding ( 0,5-5 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



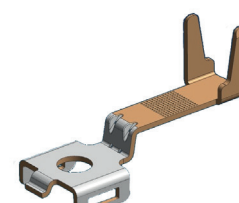
**MGT005BFLP35**

Anti-rotation design  
Stud M6  
Welding ( 16-35 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



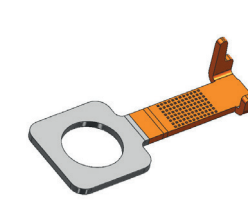
**MGT013AFLP**

Anti-rotation design  
Stud M8  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



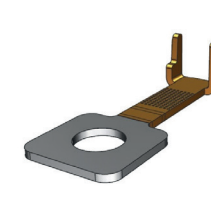
**MGT013BFLP**

Anti-rotation design  
Stud M6  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT & MINIC-II-GT



**SWT001AFLP**

Flatplate  
Stud M8  
Welding ( 0,5-5 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



**SWT001BFLP**

Flatplate  
Stud M6  
Welding ( 0,5-5 mm<sup>2</sup> )  
Material CuDHP  
DS20-GT



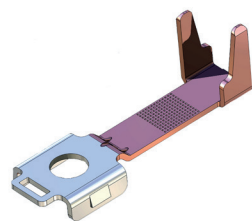
# MGT-H

High  
Performance  
Ground  
Terminals

The **MGT-H** are the evolution of the terminals used up to now, to improve the mechanical strength and the possibility of moving in the security of mass termination with many conductors.

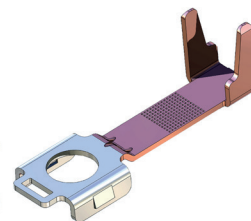
Terminal anti-rotation feature.

All without losing the best electrical characteristics or sonic weldability.



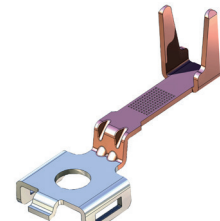
**MGT001BFLPH**

Anti-rotation design  
Stud M6  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuFe2P  
DS20-GT & MINIC-II-GT



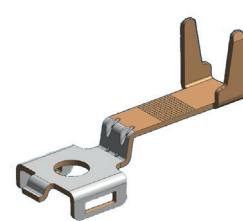
**MGT001AFLPH**

Anti-rotation design  
Stud M8  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuFe2P  
DS20-GT & MINIC-II-GT



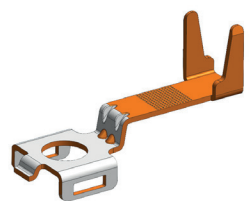
**MGT002BFLPH**

Anti-rotation design  
Stud M6  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuFe2P  
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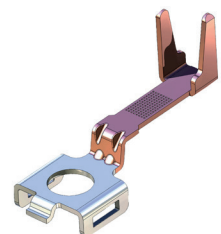
**MGT013BFLPH**

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Stud M6  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuFe2P  
DS20-GT & MINIC-II-GT



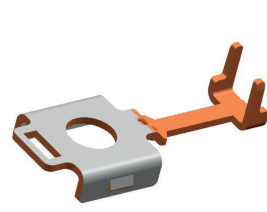
**MGT013AFLPH**

Anti-rotation design  
Stud M8  
Welding ( 5-16 mm<sup>2</sup> )  
Material CuFe2P  
DS20-GT & MINIC-II-GT



**MGT002AFLPH**

Anti-rotation design  
Stud M8  
Welding ( 3,5-12 mm<sup>2</sup> )  
Material CuFe2P  
DS20-GT & MINIC-II-GT



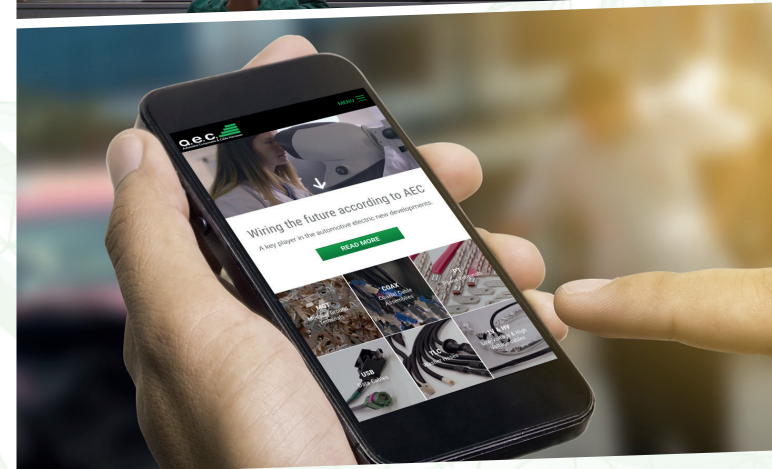
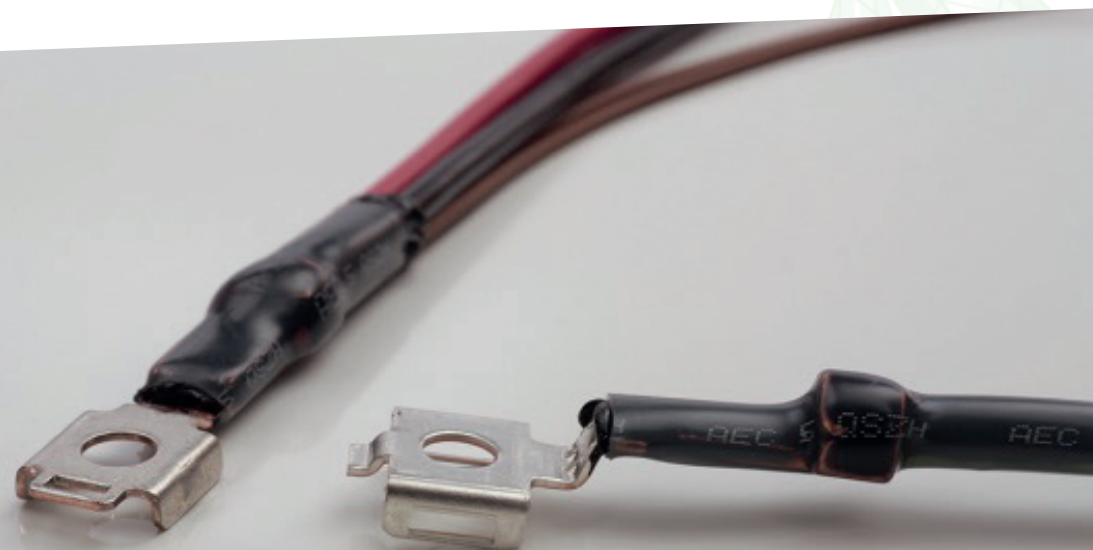
**MGT001BFLPSSWH**

Anti-rotation design  
Stud M6  
Welding ( 0,5-4 mm<sup>2</sup> )  
Material CuFe2P  
MINIC-II-GT



**MGT002BFLPSSWH**

Anti-rotation design  
Stud M6  
Welding ( 0,5-4 mm<sup>2</sup> )  
Material CuFe2P  
MINIC-II-GT



## AEC: YOUR TECHNICAL PARTNER FOR CABLE HARNESS INNOVATION

We are able to transform your automotive cable harnesses innovation needs into real products, from engineering to tests validation, with best timing and costs.

Our mission is to be an active part in the technological development of our sector, taking inspiration from the best examples of individuals and companies that have considered excellence as the sole expression of their work.

We are proud to be an Italian middle-sized company that, thanks to its conviction and technical knowledge, has established itself in a very demanding sector such as the automobile and that has planned a solid growth plan based on major investments in machineries, factories but more so in human resources that are the true strength of our company.



Wiring the future according to **A.E.C.** 

**A.E.C. S.r.l.**

*Automotive Components & Cable Harnesses*

Strada del Francese, 99 - 10156 Torino Italia

+39 011 4501021

+39 011 4503525

[info@aecsrl.it](mailto:info@aecsrl.it)

[www.aecsrl.it](http://www.aecsrl.it)