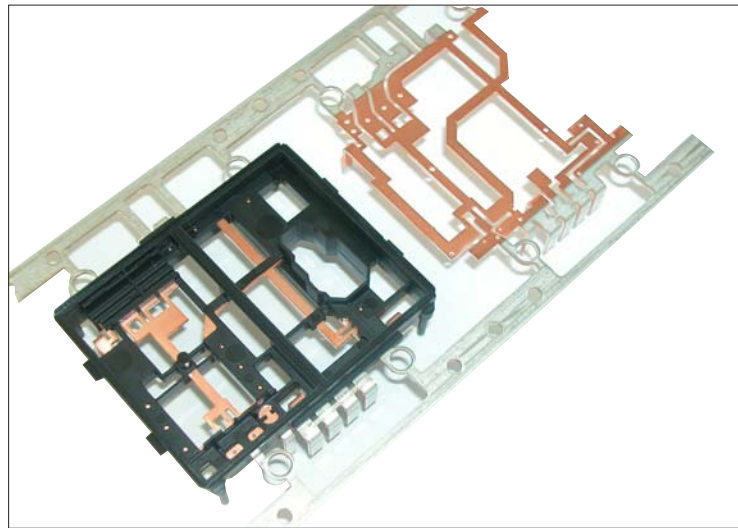


The intelligent

GÜNTHER solution



Industry:	Automotive
Part description:	Hybrid frame for electrical water pump
Material type:	PBT GF30
Articel weight:	22 g
Task:	Injection moulding around metal insert of conductor board. Accuracy in dimensioning and surface finish.
Challenge:	Follow-on composite mould, length of the flow channels. Avoidance of flow lines. The processing of fibreglass filled materials requires protection against wear in the hot runner system e.g. nozzles with hard metal tip.

The intelligent **GÜNTHER** solution:

2-fold hot runner system (H manifold), each with 4 injection gates. Eight 5SHT60H nozzles. Optimised temperature control and thermal isolation of mould and hot runner system through nozzles with insulated shaft such as ...HT type.