iMAXX Companies
Ohmweg 61
2952 BB Alblasserdam
The Netherlands

phone: (+31) 78-6911171
info@iMaXX.nl

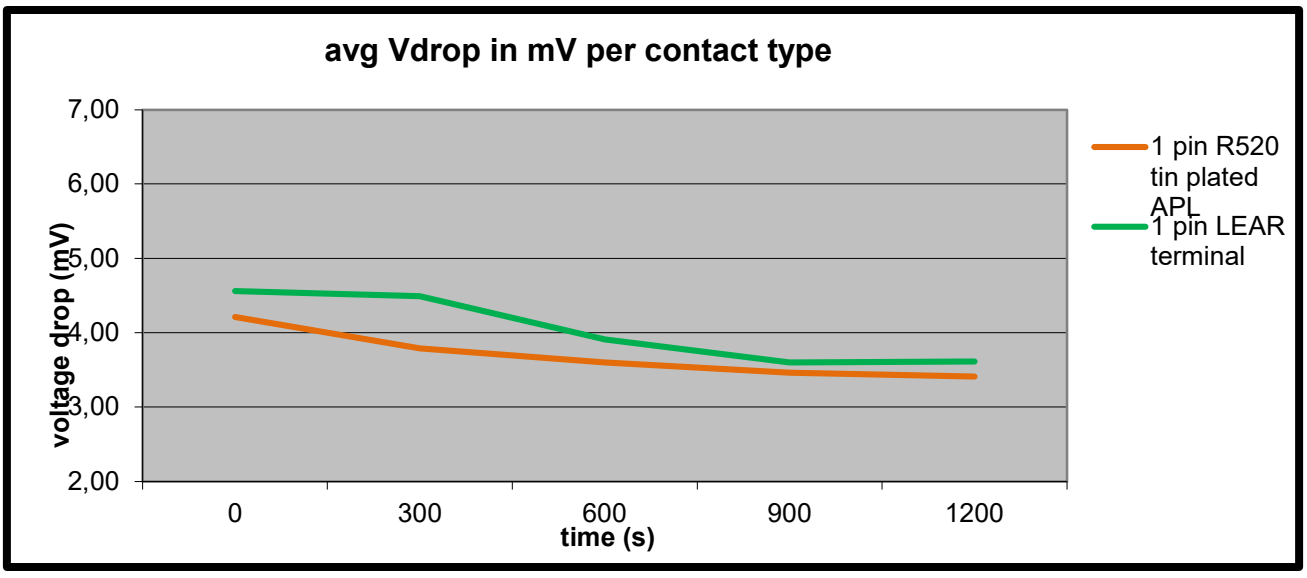
Part Change Notification: H7810, printed circuit board fuse holder miniOTO PA

To improve the technical capabilities of our H7810 fuse holder, iMaXX will change the fuse receptacle that is currently mounted into the fuse holder housing.

In close cooperation with a German metallurgic specialist and copper strip manufacturer, iMaXX has developed their own PCB fuse receptacles. After many years of proven reliability in our H1800 normOTO PCB series, we have now designed a receptacle for our H7810 miniOTO PCB holder. This will replace the current terminal through a running change.

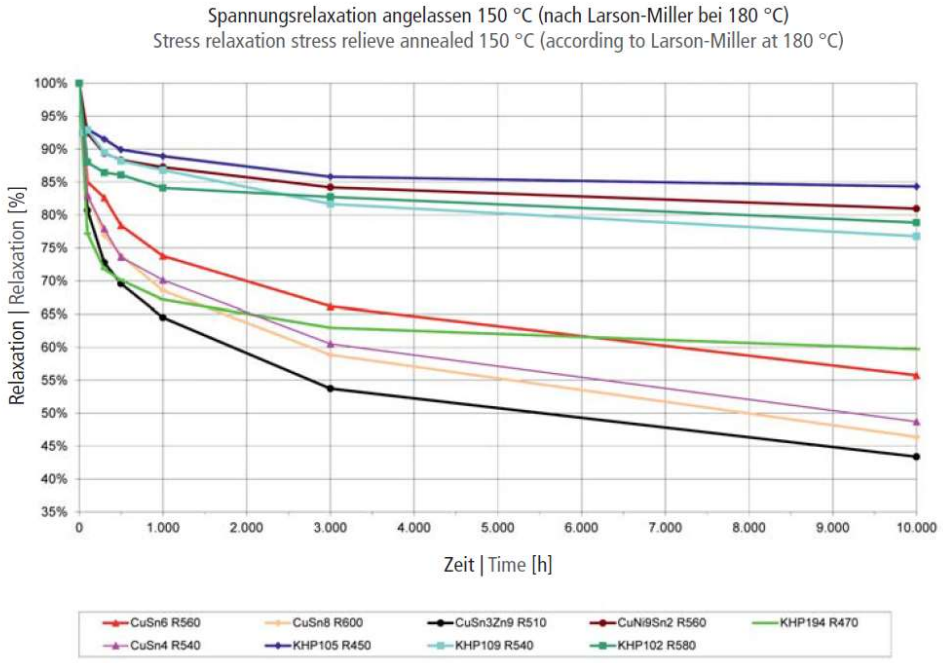
For your information the electrical and mechanical features have been listed in the table below. It is obviously that footprint of the holder will remain the same. Material and dimensions for the plastic housing also remain unchanged.

	old generation MDK 3*	**new generation KHP102**
Material	CuSn4	CuNi1,5Si
Density	8,9 g/cm³	8,9 g/cm³
Electrical conductivity	11,5 m/Ω.mm²	35 m/Ω.mm²
Thermal conductivity	84 W/m.K	260 W/m.K
Thermal expansion coeff.	18,2.10 -6/K	16,8.10 -6/K
Temper	R610	R520
Tensile strength Rm [Mpa]	min. 610	520 - 580
Yield strength Rp0,2 [Mpa]	min. 540	min. 490
Hardness	min. 190	150 - 170



***i*MAXX Companies**
Ohmweg 61
2952 BB Alblasserdam
The Netherlands

phone: (+31) 78-6911171
info@iMaXX.nl



Old Generation: CuSn R540
New Generation: KHP102 R520

* source: “Bänder aus Kupfer und Kupferlegierungen”, Gebr. Kemper GmbH & Co.KG, DE-57462 Olpe, Ausgabe KEMP 2045 06/13

The iMaXX sales part number H7810, the Harmonized System Classification Code (853689099) and the country of origin (Slovenia) will all remain unchanged.

After implementation, the IMDS information will be updated accordingly. The implementation will be done as a running change.

Kind regards,
Gerben Huizenga
Quality manager
February 2024