

Auro Pur



- High abrasion resistance
- Very good corrosion resistance
- Low thermal contact resistance
- Very good contact characteristics
- Excellent solderability
- RoHS compliant



- > FCT developed a gold nickel phosphorous plating (AuroPur) with excellent technical characteristics and price performance ratio.
- > Connectors and conntacts with nickel phosphorus gold plating have been tested in accordance with DIN 41626, part 1 and DIN 41652 part 2.
- > A relevant test report is available on request!

FCT electronic GmbH • Stahlgruberring 29 • 81829 München • Tel.: +49(0)89/420004-0 • sales@fctgroup.com

Availability - Test - Samples

> Availability

<p>Signal Contacts</p> <ul style="list-style-type: none"> ● Solder Cups ● Straight and Right angled PCB 	<p>Power Contacts for Mixed Layout Connectors up to 40 A</p> <ul style="list-style-type: none"> ● Solder Cup ● Straight and Right angled PCB ● Crimp (only with tin plated termination side)
---	---

> Test Construction and Conditions

- Contact resistance in accordance with DIN 41640 part 4 (Start Value / Value after 250 contact durability tests and 21 days corrosive gas)
- Mechanical durability in accordance with DIN 41640 part 21 (250 contact durability tests)
- Industrial atmosphere in accordance with DIN 41640 part 72 (Exposure to flowing mixed gases in accordance with DIN EN 60068-2-60, test Ke, Method 4)
- Optical testing in accordance with DIN 41640 part 2
- Solderability in accordance with DIN IEC 68 part 2-20
- Micro-impedance measuring device EMT 328
- Corrosion test chamber K350 + TOX gas monitor 7100 (TZO Leipzig)
- Solder bath in accordance with DIN IEC 68 part 2-20



Storage of the test object during the mixed gas exposure

> Samples



> Please contact us for more information

> sales@fctgroup.com

