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20mOhm</td></tr><tr><td>Insulation resistance</td><td colspan="2">min. 10<sup>12</sup>Ohm</td></tr><tr><td>Working current</td><td colspan="2">2 A@20°C (see derating diagram) for signal contacts<br/>for special contacts refer to corresponding data sheet</td></tr><tr><td>Temperature range</td><td colspan="2">-55°C ... +125°C</td></tr><tr><td>Termination technology</td><td colspan="2">solder pins</td></tr><tr><td>Clearance &amp; creepage distance</td><td colspan="2">min. 1,2 mm</td></tr><tr><td rowspan="3">Insertion and withdrawal force</td><td>6pol. max. 6N</td><td>60pol. max. 57N</td></tr><tr><td>24pol. max. 23N</td><td>78pol. max. 74N</td></tr><tr><td>42pol. max. 40N</td><td></td></tr><tr><td rowspan="3">Mating cycles</td><td>- PL1 acc. to IEC 60603-2 =&gt;</td><td>500 mating cycles</td></tr><tr><td>- PL2 acc. to IEC 60603-2 =&gt;</td><td>400 mating cycles</td></tr><tr><td>- PL3 acc. to IEC 60603-2 =&gt;</td><td>50 mating cycles</td></tr><tr><td>UL file</td><td colspan="2">E102079</td></tr><tr><td>RoHS - compliant</td><td colspan="2">Yes</td></tr><tr><td>Leadfree</td><td colspan="2">Yes</td></tr><tr><td>Hot plugging</td><td colspan="2">No</td></tr></table><div><div><div>Insulator material</div></div><table><tr><td>Material</td><td colspan="2">PBT (thermoplastics, glass fiber reinforcement 30%)</td></tr><tr><td>Colour</td><td colspan="2">RAL 7032 (grey)</td></tr><tr><td>UL classification</td><td colspan="2">UL 94-V0</td></tr><tr><td>Material group acc. to IEC 60664-1</td><td colspan="2">IIIa (175 ≤ CTI &lt; 400)</td></tr><tr><td>NFF classification</td><td colspan="2">I3, F4</td></tr></table><div><div><div>Contact material</div></div><table><tr><td>Contact material</td><td colspan="2">Copper alloy</td></tr><tr><td>Plating termination zone</td><td colspan="2">Sn over Ni</td></tr><tr><td>Plating contact zone</td><td colspan="2">Au over PdNi over Ni</td></tr></table></div></div><div><div><div>Derating diagram acc. to IEC 60512-5 (Current carrying capacity)</div></div><div><div><div>The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals.<br/>The current capacity curve is valid for continuous, non interrupted current loaded contacts of connectors when simultaneous power on all contacts is given, without exceeding the maximum temperature.</div><div>Control and test procedures according to DIN IEC 60512-5</div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div>Electrical Load [A]</div><div>0 20 40 60 80 100 120 °C</div><div>Temperature 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 | Clearance & creepage distance | min. 1,2 mm |  | Insertion and withdrawal force | 6pol. max. 6N | 60pol. max. 57N | 24pol. max. 23N | 78pol. max. 74N | 42pol. max. 40N |  | Mating cycles | - PL1 acc. to IEC 60603-2 => | 500 mating cycles | - PL2 acc. to IEC 60603-2 => | 400 mating cycles | - PL3 acc. to IEC 60603-2 => | 50 mating cycles | UL file | E102079 |  | RoHS - compliant | Yes |  | Leadfree | Yes |  | Hot plugging | No |  | Material | PBT (thermoplastics, glass fiber reinforcement 30%) |  | Colour | RAL 7032 (grey) |  | UL classification | UL 94-V0 |  | Material group acc. to IEC 60664-1 | IIIa (175 ≤ CTI < 400) |  | NFF classification | I3, F4 |  | Contact material | Copper alloy |  | Plating termination zone | Sn over Ni |  | Plating contact zone | Au over PdNi over Ni |  |
| Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Contact spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                     | I3, F4                                                                                                        |                              |   |        |             |               |                 |                              |  |                 |                             |                              |              |       |  |                    |             |  |                       |                           |  |                 |                                                                                                               |  |                   |                  |  |                        |             |  |                               |             |  |                                |               |                 |                 |                 |                 |  |               |                              |                   |                              |                   |                              |                  |         |         |  |                  |     |  |          |     |  |              |    |  |          |                                                     |  |        |                 |  |                   |          |  |                                    |                        |  |                    |        |  |                  |              |  |                          |            |  |                      |                      |  |
| Contact material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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        |                   |                              |                  |         |         |  |                  |     |  |          |     |  |              |    |  |          |                                                     |  |        |                 |  |                   |          |  |                                    |                        |  |                    |        |  |                  |              |  |                          |            |  |                      |                      |  |
| Plating termination zone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sn over Ni                                                                                                    |                              |   |        |             |               |                 |                              |  |                 |                             |                              |              |       |  |                    |             |  |                       |                           |  |                 |                                                                                                               |  |                   |                  |  |                        |             |  |                               |             |  |                                |               |                 |                 |                 |                 |  |               |                              |                   |                              |                   |                              |                  |         |         |  |                  |     |  |          |     |  |              |    |  |          |                                                     |  |        |                 |  |                   |          |  |                                    |                        |  |                    |        |  |                  |              |  |                          |            |  |                      |                      |  |
| Plating contact zone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Au over PdNi over Ni                                                                                          |                              |   |        |             |               |                 |                              |  |                 |                             |                              |              |       |  |                    |             |  |                       |                           |  |                 |                                                                                                               |  |                   |                  |  |                        |             |  |                               |             |  |                                |               |                 |                 |                 |                 |  |               |                              |                   |                              |                   |                              |                  |         |         |  |                  |     |  |          |     |  |              |    |  |          |                                                     |  |        |                 |  |                   |          |  |                                    |                        |  |                    |        |  |                  |              |  |                          |            |  |                      |                      |  |

# Mouser Electronics

Authorized Distributor

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## HARTING:

[09031422901](#) [09033782901](#) [09031246901](#) [09031426901](#) [09031606901](#) [09031786901](#) [09033786901](#)  
[09031607901](#) [09031787901](#) [09031247901](#) [09031242901](#) [09031426922](#) [09031786922](#) [09031606922](#) [09031246922](#)  
[09031427901](#)

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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