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## Part Information:

Part Number: T 3504001

Description: Male cable connector, screwlocking straight, max. cable outlet 6 mm , silver, solder, 8 DIN

Family: C091A

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## Specifications

| General | Standard | Characteristics |
| :---: | :---: | :---: |
| Number of contacts |  | 8 |
| View on termination side of contact insert |  |  |
| Contact arrangement according to DIN |  | 41326 |
| Contact arrangement according to IEC |  | 130-9 |
| Electrical |  |  |
| Rated voltage | IEC 60664-1 | 150 V |
| Rated impulse withstand voltage | IEC 60664-1 | 1200 V |
| Pollution degree | IEC 60664-1 | 1 |
| Installation category | IEC 60664-1 | I |
| Insulation group | IEC 60664-1 | 3 |
| Test voltage | IEC 60664-1 | 670 V |
| Current rating | $\begin{aligned} & \text { IEC 60512-3 } \\ & \text { Test } 5 \text { b } \end{aligned}$ | $5 \mathrm{~A} /+40^{\circ} \mathrm{C} / \_104^{\circ} \mathrm{F}$ |
| Insulation resistance | $\begin{aligned} & \text { IEC 60512-2 } \\ & \text { Test } 3 \text { a } \end{aligned}$ | $>10{ }^{12} \Omega$ |
| Contact resistance | $\begin{aligned} & \text { IEC 60512-2 } \\ & \text { Test } 2 \text { a } \end{aligned}$ | $<5 \mathrm{~m} \Omega$ |
| Climatical |  |  |
| Climatic category | IEC 60068-1 | 40/85/56 |
| Temperature range | IEC 60068-1 | $-40^{\circ} \mathrm{C} \ldots+85^{\circ} \mathrm{C} /-40^{\circ} \mathrm{F} \ldots+185^{\circ} \mathrm{F}$ |
| Mechanical |  |  |
| IP-degree | IEC 60529 | IP 40 |
| Insertion and withdrawal forces | $\begin{aligned} & \text { IEC } 60512-7 \\ & \text { Test } 13 \mathrm{~b} \end{aligned}$ | $\begin{gathered} 60 \mathrm{~N} \\ 220.0 \mathrm{z} \end{gathered}$ |
| Mechanical operation | $\begin{aligned} & \text { IEC 60512-5 } \\ & \text { Test } 9 \text { a } \end{aligned}$ | Silver $\geq 500$ mating cycles Gold $\geq 1000$ mating cycles |
| Materials |  |  |
| Housing |  | die cast, nickel plated |
| Dielectric |  | thermoplastic |
| Contact plating |  | silver plated, gold plated |
| Other Characteristics |  |  |
| Termination technique |  | solder, crimp |
|  |  | solder $\leq 0.5 \mathrm{~mm}^{2}$ (20-26 AWG) |


| Wire gauge |  | crimp 0.14-1.0mm² (26-18 AWG) |
| :--- | :---: | :---: |
| Flammability |  | UL 94 VO |
| Locking system | IEC 103-9 | metal screw coupling |



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