



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**General ordering data**

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| Order No.        | 9457720000                                                                                    |
| Part designation | SAI-SA-3-IDC                                                                                  |
| Version          | Sensor/Actuator plug-in connector, M12, pin, straight, Insulation displacement connection IDC |
| EAN              | 4032248154869                                                                                 |
| Qty.             | 1 pc(s).                                                                                      |

**Technical data**

|                                |                                        |
|--------------------------------|----------------------------------------|
| Ambient temperature, max.      | 85 °C                                  |
| Ambient temperature, min.      | -25 °C                                 |
| Bus line connection via □      | Insulation displacement connection IDC |
| Cable connection diameter      | 4...5.1 mm                             |
| Cable diameter, max.           | 5.1 mm                                 |
| Cable diameter, min            | 4 mm                                   |
| Connection cross-section       | 0.14...0.34                            |
| Connection cross-section, max. | 0.5 mm <sup>2</sup>                    |
| Connection cross-section, min. | 0.25 mm <sup>2</sup>                   |
| Connection type PE             | IDC terminal                           |
| Contact surface                | tinned                                 |
| Contact tube diameter          | M12                                    |
| Housing material               | CuZn                                   |
| Ordering data, title           | 3- and 4-pole, straight                |
| Protection class               | IP 67                                  |
| Rated current                  | 4 A                                    |
| Rated voltage                  | 32 V                                   |
| No. of poles                   | 3                                      |
| Version                        | pin, straight                          |

**Approvals**

|                      |      |
|----------------------|------|
| Approvals institutes | n.a. |
|----------------------|------|

**Classifications**

|          |          |
|----------|----------|
| ETIM 2.0 | EC000516 |
| ETIM 3.0 | EC002062 |

#### Classifications

|            |             |
|------------|-------------|
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-01 |

#### Similar products

| Order No.  | Part designation | Version                                                                                       |
|------------|------------------|-----------------------------------------------------------------------------------------------|
| 1766810000 | SAI-SA-4-IDC     | Sensor/Actuator plug-in connector, M12, pin, straight, Insulation displacement connection IDC |