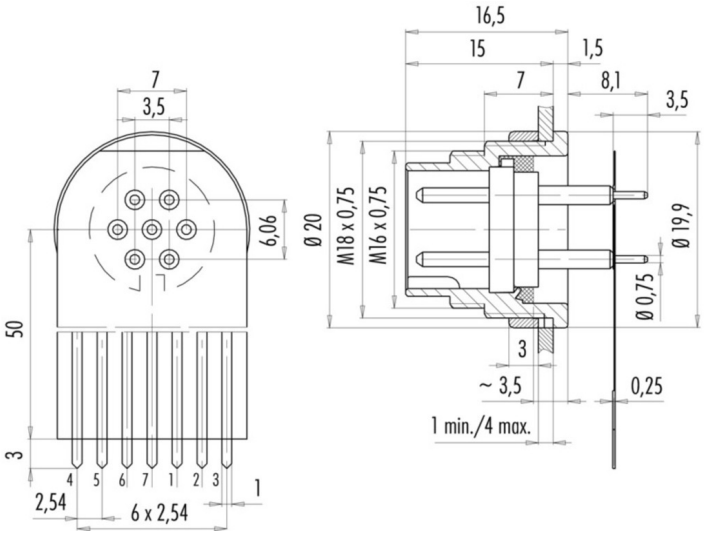
# Product data sheet

## Binder connectors

### Male panel mount connector

## With flexible PCB, front fastened

09 0327 65 07
https://www.ac-solutions.be/en/product/0903276507




# Specifications

## General Characteristics

| | |
|---|---|
| **Screw size** | M16 |
| **Series** | Miniature |
| **Subseries** | 581-680-682 |
| **Gender** | Male |
| **Number of contacts** | 7 |
| **Contact terminal** | Dip solder |
| **Upper temperature** | +85 °C |
| **Lower temperature** | -40 °C |
| **Protection degree** | IP40 |
| **Locking system** | Screw (M16) |
| **Mating cycles** | >500 |
| **Connector Diameter** | 20 mm |
| **Remark*** | *In case of pollution degree 2, overvoltage category II rated voltage is reduced to 32 V. |

## Electrical parameters

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| | |
|---|---|
| **Nominal current** | 5 A |
| **Nominal voltage** | 125 (32) V |
| **Impuls voltage** | 800 V |
| **Max. contact resistance** | 5 m? |
| **Pollution degree** | 1 (2)* |
| **Overvoltage categorie** | I (II)* |

## Material

| | |
|---|---|
| **Material group** | III |
| **Material of insert** | PBT (UL 94 V-0) |
| **Material of housing** | Zinc diecasting nickel plated |
| **Material of contact** | CuZn (Brass) |