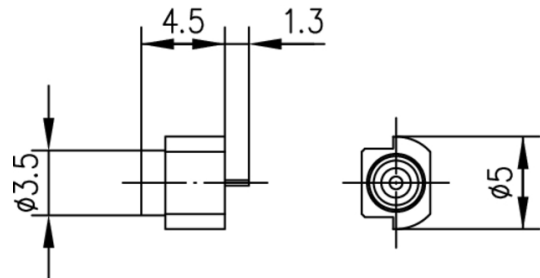


order number: J01341A0081



| Technical Attributes |                 |
|----------------------|-----------------|
| Remarks              | Edge-Mount-Type |
| Mount. dim.          | Z91             |

### Product description

The MMCX series of micro-miniature connectors is a smaller version of the MCX and also utilizes a snap coupling. They are suitable for use up to 6 GHz. The impedance is controlled at 50 Ω. Connector designs are available for flexible, conformable and semi-rigid cables. Styles are available for mounting to printed circuit boards using thru-hole soldering, press-fit and surface mount technology (SMT). Solder and crimp techniques are used to terminate this series to cables. Because of their small size, these connectors can be used in the smallest of instruments as well as personal communication equipment.

| Mechanical Characteristics  |           |
|-----------------------------|-----------|
| Durability (mating cycles)  | ≥ 500     |
| Insertion force             | ≤ 18 N    |
| Disengagement               | 6 - 18 N  |
| Material: spring contacts   | CuBe2     |
| Material: outer conductor   | CuZn39Pb3 |
| Material: other metal parts | CuZn39Pb3 |
| Material: insulators        | PTFE      |
| Finish: Inner conductor     | Ni2Au1.27 |
| Finish: Outer conductor     | Ni2Au0.8  |
| Finish: Other metal parts   | Ni5Au0.2  |

| Climatic Characteristics                |           |
|---|-----------|
| Climatic category acc. to IEC 60068 - 1 | 55/155/21 |

| Electrical Characteristics         |                              |
|------------------------------------|------------------------------|
| Contact resistance inner conductor | $\leq 5 \text{ m}\Omega$     |
| Contact resistance outer conductor | $\leq 2.5 \text{ m}\Omega$   |
| Insulation resistance              | $\geq 1 \text{ G}\Omega$     |
| Impedance                          | $50 \Omega$                  |
| Return loss: Straight style        | $\geq 20 \text{ dB/6 GHz}$   |
| Return loss: Angle style           | $\geq 16.5 \text{ dB/6 GHz}$ |
| Proof voltage                      | 500 V/50 Hz                  |
| Working voltage                    | 170 V <sub>eff</sub> /50 Hz  |
| Frequency range up to              | 6 GHz                        |

| Standards |  |
|-----------|--|
| EN 122340 |  |