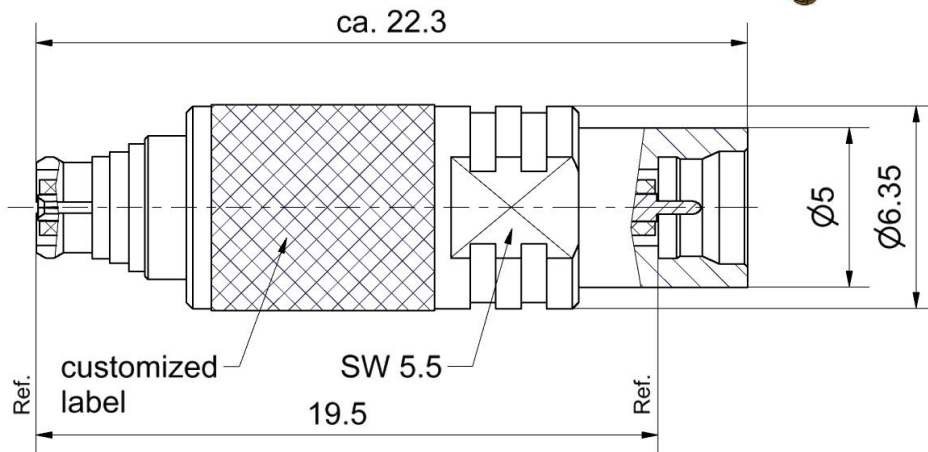
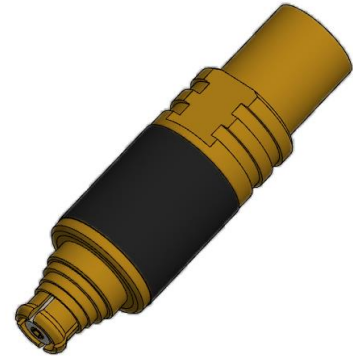


SMP

Attenuator
Plug/Jack

19AS101-K00E3



All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to MIL-STD-348

Documents

N/A

Material and plating

Connector parts

- Center contact
- Outer contact - plug
- Outer contact - jack
- Dielectric
- Substrate

Material

- CuBe
- Brass
- CuBe
- PTFE
- Al₂O₃

Plating

- Gold, min. 1.27 µm, over nickel
- Gold, min. 0.8 µm, over nickel
- Gold, min. 0.8 µm, over nickel

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RF_35/09.14/6.2

Electrical data

| | |
|-----------------|---|
| Frequency range | DC to 18 GHz |
| Return loss | ≥ 20.8 dB, DC to 6 GHz ≥ 16.5 dB, 6 GHz to 12.4 GHz ≥ 14 dB, 12.4 GHz to 18 GHz |
| Attenuation | 0 dB +1.0 dB, DC to 12.4 GHz 0 dB +1.5 dB, 12.4 GHz to 18 GHz |
| Power handling | ≤ 0.5 W at 25°C |

Mechanical data

| | |
|----------------------------------|-----------|
| Mating cycles | |
| if mating part is limited detent | ≥ 500 |
| Center contact captivation | ≥ 7 N |
| Engagement force | |
| - limited detent | 45 N max. |
| Disengagement force | |
| - limited detent | 9 N min. |

Environmental data

| | |
|-------------------|-----------------|
| Temperature range | -55°C to +155°C |
| RoHS | compliant |

Packing

| | |
|----------|--------------|
| Standard | 1 pce in bag |
| Weight | 3.23 g/pce |

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
|------------------|----------|-------------|----------|------|---------------------------|------------------|----------|
| Marion Striegler | 07.08.18 | Lars Ramtke | 08.08.18 | a00 | 17-1889 | Marion Striegler | 08.08.18 |