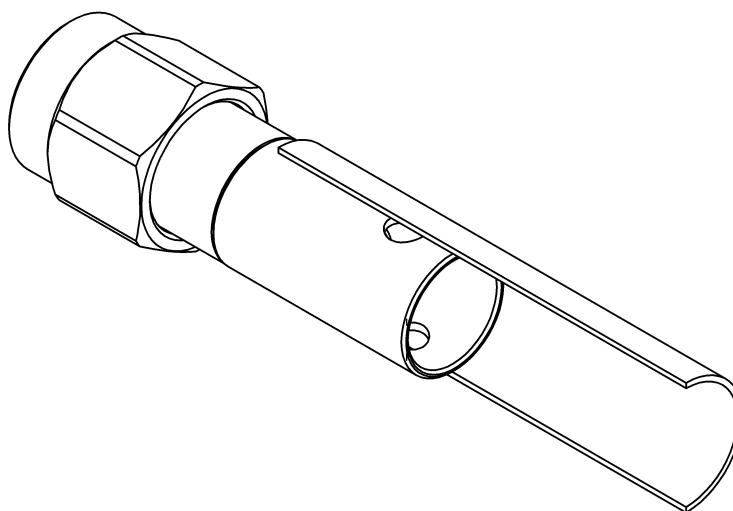
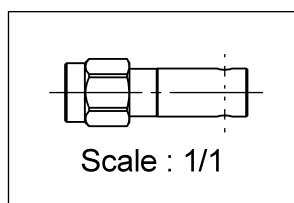
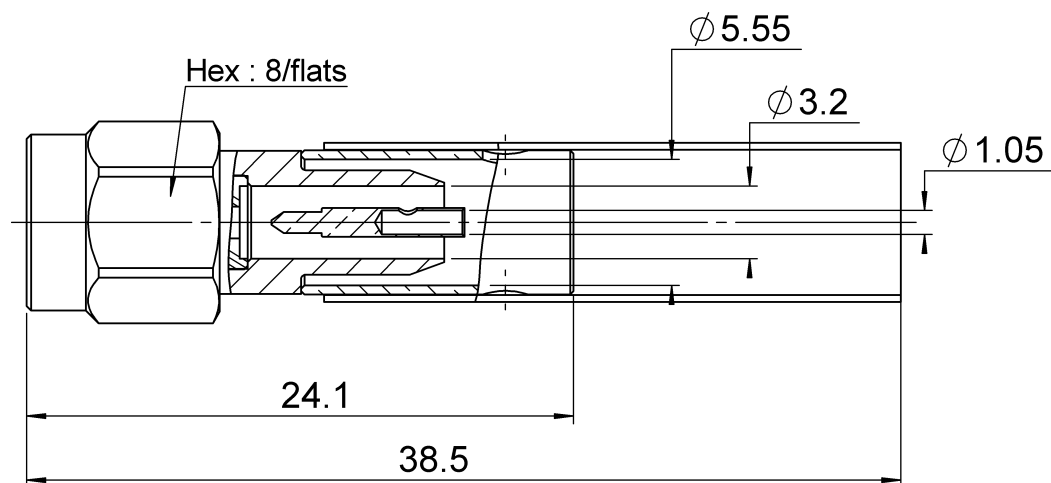


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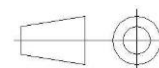
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SERIES SMA

PART NUMBER R125075000



All dimensions are in mm.



| COMPONENTS     | MATERIALS       | PLATING (μm)     |
|----------------|-----------------|------------------|
| Body           | STAINLESS STEEL | GOLD OVER NICKEL |
| Center contact | BRASS           | GOLD OVER NICKEL |
| Outer contact  | -               | -                |
| Insulator      | PTFE            | -                |
| Gasket         | SILICONE RUBBER | -                |
| Others parts   | STAINLESS STEEL | GOLD OVER NICKEL |
| -              | -               | -                |
| -              | -               | -                |

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PART NUMBER R125075000

## PACKAGING

| Standard | Unit       | Other      |
|----------|------------|------------|
| 100      | Contact us | Contact us |

## ELECTRICAL CHARACTERISTICS

|                                 |               |                   |
|---------------------------------|---------------|-------------------|
| Impedance                       | 50            | Ω                 |
| Frequency                       | 0-12.4        | GHz               |
| VSWR                            | 1.15 + 0.0100 | x F(GHz) Maxi     |
| Insertion loss                  | 0.06          | √F(GHz) dB Maxi   |
| RF leakage                      | - ( 60        | - F(GHz)) dB Maxi |
| Voltage rating                  | 335           | Veff Maxi         |
| Dielectric withstanding voltage | 1000          | Veff mini         |
| Insulation resistance           | 5000          | MΩ mini           |

## MECHANICAL CHARACTERISTICS

|                            |    |           |
|----------------------------|----|-----------|
| Center contact retention   |    |           |
| Axial force – Mating End   | NA | N mini    |
| Axial force – Opposite end | NA | N mini    |
| Torque                     | NA | N.cm mini |

|                    |        |      |
|--------------------|--------|------|
| Recommended torque |        |      |
| Mating             | 100    | N.cm |
| Panel nut          | NA     | N.cm |
| Clamp nut          | NA     | N.cm |
| A/F clamp nut      | 0.0000 | mm   |

|             |        |             |
|-------------|--------|-------------|
| Mating life | 500    | Cycles mini |
| Weight      | 3.9810 | g           |

## ENVIRONMENTAL

|                       |          |           |
|-----------------------|----------|-----------|
| Operating temperature | -65/+165 | °C        |
| Hermetic seal         | NA       | Atm.cm3/s |
| Panel leakage         | NA       |           |

## SPECIFICATION

## CABLE ASSEMBLY

| Stripping | a   | b | c    | d | e  | f |
|-----------|-----|---|------|---|----|---|
| mm        | 3.5 | 7 | 13.5 | 0 | 10 | 0 |

Assembly instruction: **Crimp 01**

Recommended cable(s)

**RG 58**  
**KX 15**  
**RG 141**

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

|            |     |        |
|------------|-----|--------|
| - pull off | 180 | N mini |
| - torque   | NA  | N.cm   |

## TOOLING

| Part Number | Description               | Hexagon |
|-------------|---------------------------|---------|
| R282293000  | CRIMPING TOOL M22520/5-01 | -       |
| R282223000  | CRIMPING TOOL             | 5.40    |
| R282235011  | CRIMPING DIES M22520/5-11 | 5.40    |

## OTHER CHARACTERISTICS