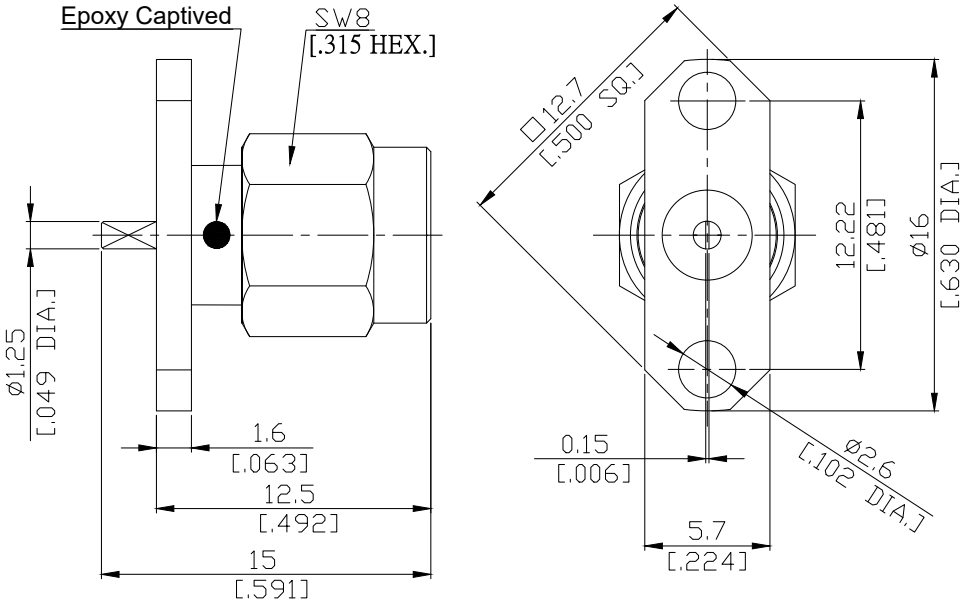
| | |
|---|---|
| ROSNOL | Technical Data Sheet |
| SMA Straight Panel Receptacle Plug (Flat End) | SMA1GTD50-1500A-EC/111 |




All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

## Interface

| | |
|---|---|
| According to | MIL-C-39012;MIL-STD-348A/310 |

## Electrical Data

| | |
|---|---|
| Impedance | 50 Ω |
| Frequency | DC to 18 GHz |
| VSWR (Return Loss) | ≤ 1.25 (≥ 19.08 dB) |
| Insertion Loss | ≤ 0.05 x $\sqrt{F\ (GHz)}$ dB |

## Mechanical Data

| | |
|---|---|
| Coupling mechanisms | Screw-lock |
| Weight | 0.0033 kg |

## Environmental Data

| | |
|---|---|
| Temperature range | -65°C to +165°C |
| RoHS | compliant |

## Material And Plating

| Piece Parts | Material | Plating |
|---|---|---|
| Centre contact | Brass | Gold plating(Nickel underplated) |
| Body | Brass | Gold plating(Nickel underplated) |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling nut | Brass | Gold plating(Nickel underplated) |

## Packing

Single or 100

## Related Document

| | |
|---|---|
| Mounting Dimension | MD75 |

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

Date: 19/11/10

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