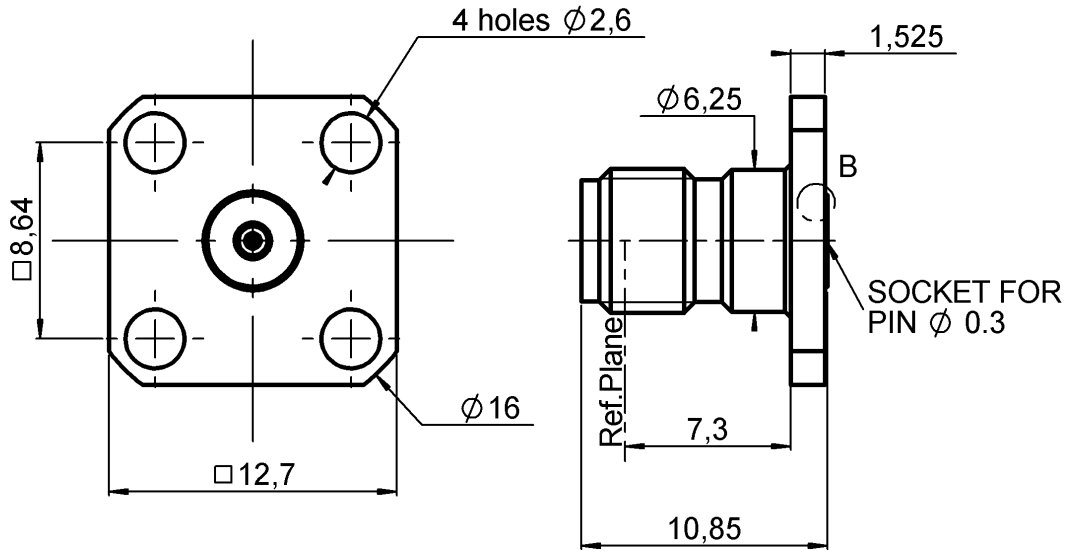


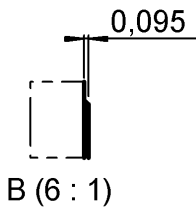
UNIVERSAL SQUARE FLANGE RECEPTACLE
FOR AXIS 0.3MM

R127.842.001

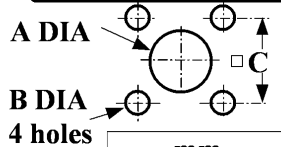
Series : SMA2.9



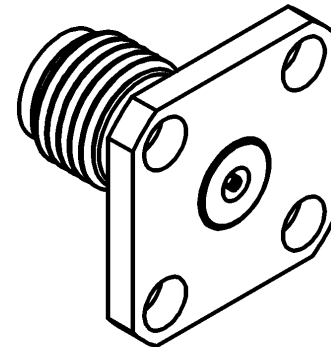
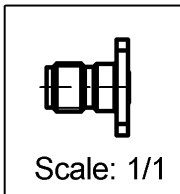
Use R280 760 000 glass bead for hermetic application



PANEL CUT OUT



| | mm | |
|---|------|------|
| | Maxi | mini |
| A | 1.63 | 1.60 |
| B | 2.70 | 2.60 |
| C | 8.69 | 8.59 |



All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATINGS (µm) |
|----------------|------------------|------------------------|
| BODY | STAINLESS STEEL | PASSIVATED . |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT | - | - |
| INSULATOR | ULTEM | - |
| GASKET | - | - |
| OTHERS PARTS | BRASS | GOLD 1.3 OVER NICKEL 2 |
| - | - | - |
| - | - | - |

Issue : 0647 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**UNIVERSAL SQUARE FLANGE RECEPTACLE
FOR AXIS 0.3MM**

R127.842.001

Series : SMA2.9

PACKAGING

SPECIFICATION

| Standard | Unit | Other |
|----------|------|-------------------|
| 1 | | Contact us |

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

| | | |
|---------------------------------|----------------------|--------------------------|
| Impedance | 50 | Ω |
| Frequency | 0-40 | GHz |
| VSWR | 1.05 + 0,0050 | x F(GHz) Maxi |
| Insertion loss | 0.03 | \sqrt{F} (GHz) dB Maxi |
| RF leakage | - (90) | - F(GHz)) dB Maxi |
| Voltage rating | 350 | Veff Maxi |
| Dielectric withstanding voltage | 750 | Veff mini |
| Insulation resistance | 5000 | M Ω mini |

| | | |
|-----------------------|-----------------|--------------|
| Operating temperature | -65/+165 | $^{\circ}$ C |
| Hermetic seal | NA | Atm.cm3/s |
| Panel leakage | NA | |

OTHERS CHARACTERISTICS

Assembly instruction **NA**

Others :

MECHANICAL CHARACTERISTICS

| | | |
|----------------------------|---------------|-------------|
| Center contact retention | | |
| Axial force – Mating end | 27 | N mini |
| Axial force – Opposite end | 27 | N mini |
| Torque | NA | N.cm mini |
| Recommended torque | | |
| Mating | NA | N.cm |
| Panel nut | NA | N.cm |
| Mating life | 500 | Cycles mini |
| Weight | 3,1500 | g |

Issue : 0647 A

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