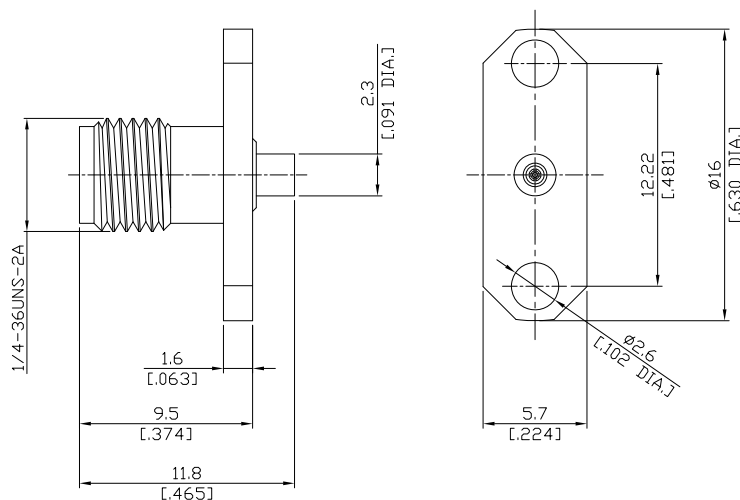




**3.5mm(Female) Straight 2-Hole  
Panel Cable Jack**

PC2EBT50-0047A/9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 60169-23; IEEE Std 287-2007

**Electrical Data**

Impedance 50  $\Omega$   
Frequency DC to 26.5 GHz  
VSWR (Return Loss)  $\leq 1.25$  ( $\geq 19.1$  dB)  
Insertion Loss  $\leq 0.05 \times \sqrt{F}$  (GHz) dB

- Limitations are possible due to the used cable type and manufacturing method -

**Mechanical Data**

Coupling mechanisms Screw-lock  
Centre contact Soldered  
Cable entry Soldered

**Environmental Data**

Temperature range -55°C to +165°C  
RoHS compliant

**Material And Plating**

| Connector parts | Material         | Plating                          |
|-----------------|------------------|----------------------------------|
| Centre contact  | Beryllium Copper | Gold plating(Nickel underplated) |
| Body            | Stainless Steel  | Passivated                       |
| Insulator       | PEI              |                                  |

**Suitable Cables**

RSF047, RSR047, RSF 047 PVC, RSF 047 FEP

**Packing**

Single or 100