

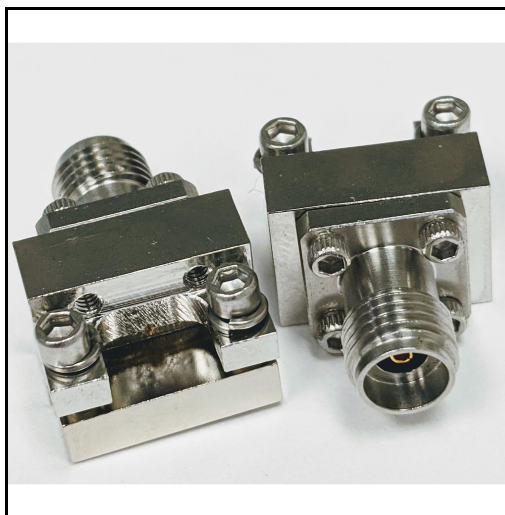
## Product Features

P1CO-18FEL-07/12-LP is a 1.85mm female (jack) 50 Ohm connector that operates to 67 GHz. It is a low profile edge launch connector that offers best electrical match when mating with Microstrip printed circuit boards. This 67 GHz connector is field replaceable (non-solder attachment to PCB). The connector material is passivated stainless steel. Adjustable to accommodate PCB thickness up to 0.100 inch (2.54mm).

Dimension (A) Board: The center contact (pin) diameter is .007 inch (0.18mm).

Dimension (B) Internal : The internal pin diameter is .012 inch (0.31mm).

Dimension (C) Dielectric: The dielectric diameter is .039 inch (0.99mm).



## Electrical Specification: T<sub>Ambient</sub> = 25° C

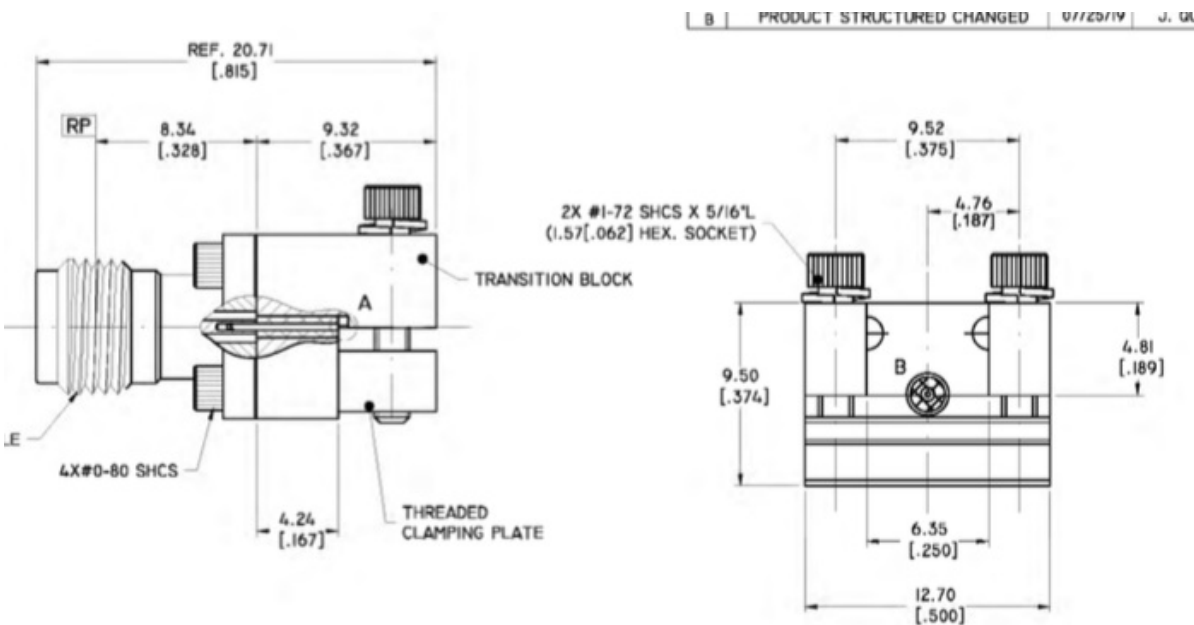
| Parameter       | Frequency Range | Units | Min | Typical | Max  | Notes |
|-----------------|-----------------|-------|-----|---------|------|-------|
| Frequency Range |                 | GHz   | DC  |         | 65.0 |       |
| Impedance       |                 |       |     | 50.0    |      |       |

## Mechanical And Environmental Specifications:

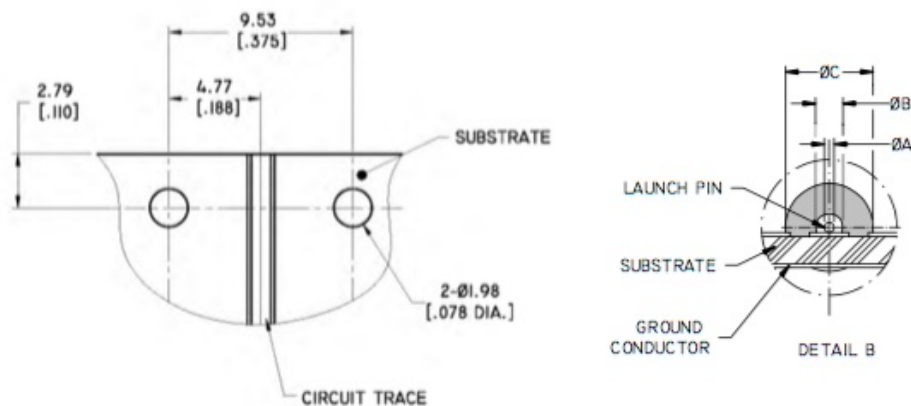
| Parameter       | Description | Notes |
|-----------------|-------------|-------|
| RoHS Compliance | Yes         |       |

## Drawing

1.85 mm female end launch PCB connector, low profile, .007 inch (0.18 mm) diameter pin. Frequency to 67 GHz.



## Graph



## Product Notes

Mating Torque: 5 to 7 in-lb

PCB mounting: 12 in-oz

Compare to 1892-03A-6