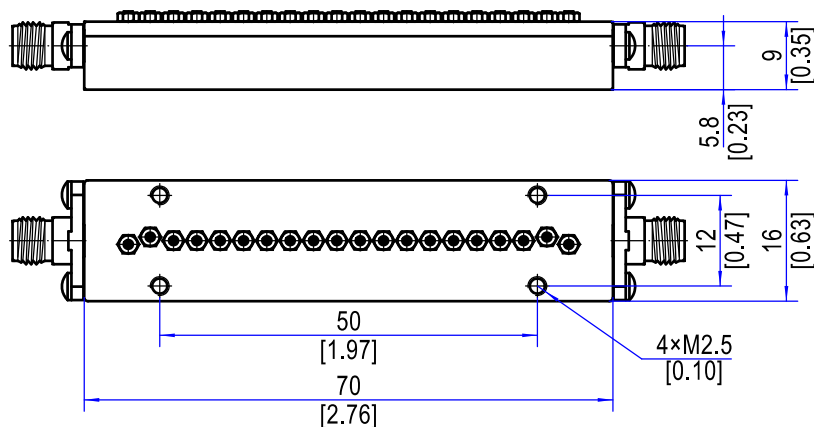


YSCVBP5-30R5-19-K

21-40 GHz Comb Band Pass Filter, 5 W, 2.92 mm Connector

| Electrical Specifications | | |
|-------------------------------|-------------------------|--|
| 1 | Pass Band Frequency | 21-40 GHz |
| 2 | Center Frequency(F0) | 30.5 GHz |
| 3 | Insertion Loss @ F0 | ≤0.7 dB |
| 4 | Return Loss @ F0 | ≥16 dB |
| 5 | Pass Band Ripple | ≤0.3 dB |
| 6 | Stop band Rejection | ≥80 dB @ DC-18.5 GHz ≥70 dB @ 18.5-18.9 GHz ≥25 dB @ 18.9-20.2 GHz ≥10 dB @ 41.8-44 GHz |
| 7 | Power Handling | ≤5 W |
| 8 | Impedance | 50 Ω |
| Environmental Characteristics | | |
| 1 | Operating Temperature | -30°C to +70°C |
| Mechanical Characteristics | | |
| 1 | Connectors | 2.92 mm Female |
| 2 | Surface Finishing | Black Painted Finish |
| 3 | Dimensions ¹ | 70*16*9 mm / [2.76*0.63*0.35 in] |
| 4 | weight | 71 g |

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3 mm)



Note 1: Excluding Connectors