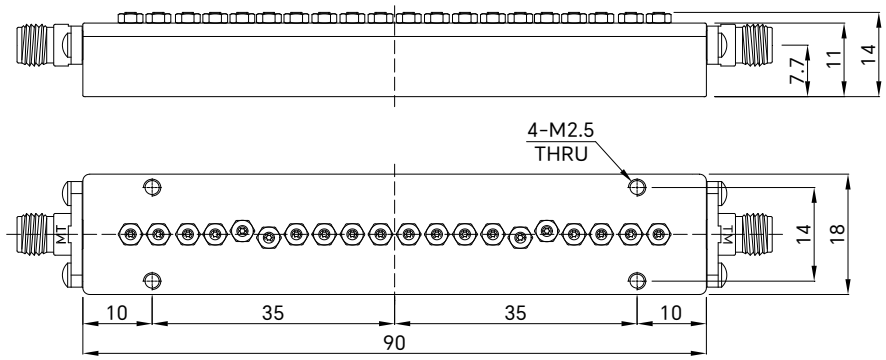
PART NUMBER
TBF-12002000-80S

REV.	DATE	COMMENTS	INITIAL
1	2020/9/8	ENGINEERING RELEASE	

Specifications

RoHS Compliant

Passband Frequency Range 12-20GHz
Center Frequency(F_0) 16GHz
Passband Insertion Loss ..... 0.8dB max
Passband Ripple ..... 0.55dB max
Passband Return Loss ..... 18dB min
Stopband Rejection ..... 80dB min@DC-9700MHz
..... 45dB min@9700-10900MHz
..... 40dB min@20600-21000MHz
..... 80dB min@21000-25000MHz
Power Handling ..... 5W max
Impedance ..... 50 Ohms
Operating Temperature ..... -30℃~+70℃
Connectors ..... SMA-Female(Stainless Steel)
Housing Material ..... H62 Copper Alloy
Finish ..... Black Painted
Weight 110g



Drawing not to scale, units:mm

成都巨人微波
TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -

www.titan-microwave.com
Tel: +86 130 866 58398
Email: sales@titan-microwave.com
chris@titan-microwave.com

PART NUMBER	DESCRIPTION
TBF-12002000-80S	Cavity Band Pass Filter, Passband 12-20GHz Stopband Rejection 80dB, 5W, SMA-Female
CAGE CODE / SIGNATURE	

EXCEPT AS OTHERWISE PROVIDED BY CONTRACTOR THIS DRAWING OR SPECIFICATION IS PROPERTY OF TITAN MICROWAVE INC. IT IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS.