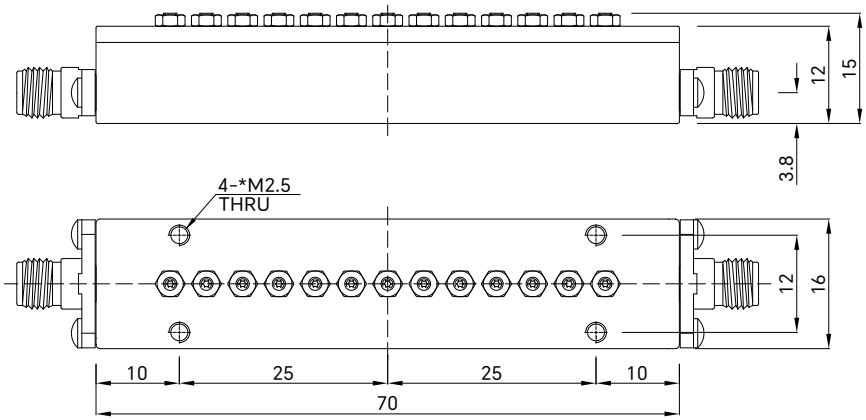
PART NUMBER	REV.	DATE	COMMENTS	INITIAL
TBF-04950505-80S	1	2020/1/2	ENGINEERING RELEASE	

Specifications

RoHS Compliant

Passband Frequency Range 4950-5050MHz
Center Frequency(F_0) 5000MHz
Passband Insertion Loss ..... 1.5dB max
Passband Ripple ..... 0.45dB max
Passband Return Loss ..... 23dB min
Stopband Rejection ..... 80dB min@DC-4700MHz
..... 40dB min@4700-4850MHz
..... 40dB min@5150-5300MHz
..... 80dB min@5300-17000MHz
Power Handling ..... 10W max
Impedance ..... 50 Ohms
Operating Temperature ..... -30℃~+70℃
Connectors ..... SMA-Female(Stainless steel)
Housing Material ..... H62 Copper Alloy
Finish ..... Black Painted
Weight 80g



Drawing not to scale, units:mm[inch]

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-04950505-80S		Cavity Band Pass Filter, Passband 4.95~5.05GHz Stopband Rejection 80dB, 10W, 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.