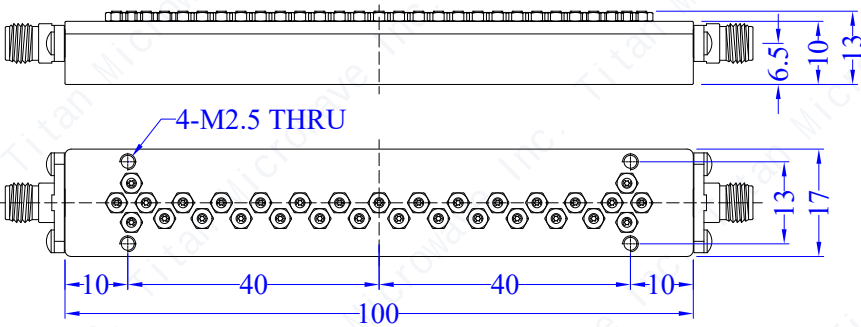


|                                     |      |          |                     |         |
|-------------------------------------|------|----------|---------------------|---------|
| PART NUMBER<br><br>TBF-06700900-80S | REV. | DATE     | COMMENTS            | INITIAL |
|                                     | 1    | 2024/9/3 | ENGINEERING RELEASE |         |

Specifications

Passband Frequency Range ..... 6.7-9GHz  
Center Frequency( $F_0$ ) ..... 7.85GHz  
Passband Insertion Loss ..... 1.0dB max  
Passband Ripple ..... 0.5dB max  
Passband Return Loss ..... 18dB min  
Stopband Rejection ..... 80dB min@DC-6GHz  
..... 75dB min@9.5-9.55GHz  
..... 80dB min@9.55-15GHz  
Power Handling ..... 10W max  
Impedance ..... 50 Ohms  
Operating Temperature ..... -30°C~+70°C  
Connectors ..... SMA-Female(Stainless Steel)  
Housing Material ..... H62 Copper Alloy  
Finish ..... Black Painted

RoHS Compliant



Drawing not to scale, units:mm



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|                                                                                                                                                                                                              |                        |                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER<br><br>TBF-06700900-80S                                                                                                                                                                          |                        | DESCRIPTION<br>Cavity Band Pass Filter, Passband 6.7~9GHz<br>Stopband Rejection 80dB, 10W, SMA-Female |
| CAGE CODE                                                                                                                                                                                                    | SIGNATURE<br><br>_____ |                                                                                                       |
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