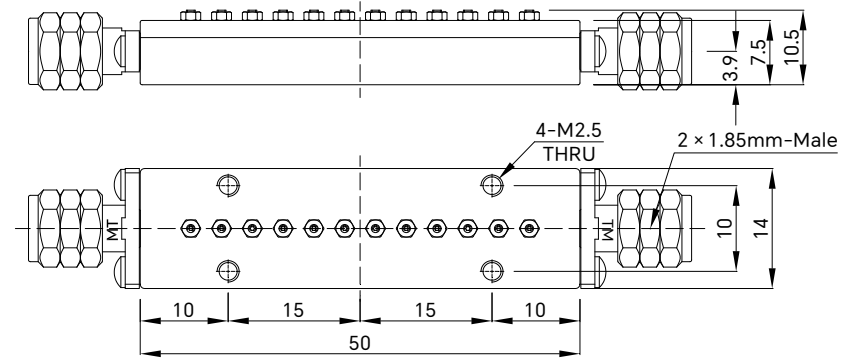


PART NUMBER <b>TBF-49155025-80V</b>	REV.	DATE	COMMENTS	INITIAL
	1	2020/8/23	ENGINEERING RELEASE	

## Specifications

0.6dB Bandwidth .....	49150-50250MHz
Center Frequency( $F_0$ ) .....	49700MHz
Passband Insertion Loss .....	3.0dB max
Passband Flatness .....	0.6dB max(peak-peak)
Passband VSWR .....	1.35:1 max(input/output)
Passband Group Delay .....	2.6ns max(peak-peak)
Passband Group Delay Ripple .....	0.65ns max(peak-peak)
Stopband Rejection .....	80dB min@100-48200MHz
.....	50dB min@51000-70000MHz
Power Handling .....	5W max
Impedance .....	50 Ohms
Operating Temperature .....	-30°C~+70°C
Connectors .....	1.85mm-Male
Housing Material .....	H62 Copper Alloy
Finish .....	Black Painted
Weight .....	45g

RoHS Compliant



Drawing not to scale, units:mm



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PART NUMBER <b>TBF-49155025-80V</b>		DESCRIPTION <b>Cavity Band Pass Filter, Passband 49.15~50.25GHz Stopband Rejection 80dB, 5W, 1.85mm-Male</b>
CAGE CODE	SIGNATURE	
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