

## VHF BAND PASS 4 RESONATORS FILTER 66 ÷ 88 MHz, BANDWIDTH 4 MHz

POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need T05140206

PMR

## Electrical Specifications

Frequency $f_0$ (MHz)	66 ÷ 88	
Bandwidth (MHz) @ -1 dB	> 4	
Impedance (Ω)	50	
VSWR	< 1	
Continuous Max. Power (W)	50	
Insertion Loss (dB) @ $f_0$	< 1	
Attenuation (dB) out of band	see curves	
Operation Temp. Range (°C)	- 20° ÷ +60°	

Mechanical Specifications				
Connectors	Nf			
Dimensions (mm) (without connectors)	170 x 162 x 50			
Weight (kg)	< 0.5			



Filter response curves dB S11 S21 S12 S22 0 -10 -20 -30 -40 -50 -60 -70 -80 -90 -100 Start: 65.000000 MHz Stop: 85.000000 MHz

Mkr	Trace	X-Axis	Value	Notes	
1 🛛	S21	75.050000 MHz	-0.51 dB		
2 🛛	S11	75.050000 MHz	-15.45 dB		
з 7	S21	73.040000 MHz	-0.59 dB		
4 ₹	S11	73.040000 MHz	-17.26 dB		
5 ₹	S21	76.960000 MHz	-0.59 dB		
6 ₹	S11	76.960000 MHz	-17.79 dB		
7 🛛	S21	71.030000 MHz	-17.92 dB		
8 7	S21	78.970000 MHz	-16.59 dB		
9 7	S21	69.020000 MHz	-34.77 dB		
10 🗸	S21	80.980000 MHz	-32.35 dB		

162

Dimensions (mm)

## BY TELSA

50

Made in Italy. We reserve the right to modify these data without any notice.

Part Number Code Ed. A0 - 15/02/2016

Data Sheet Rev. A0 - 06/03/2019